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Research Topic

Acetyl-l-carnitine

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Overview of Terms Associated with Your Search Topic

45 Relevant Results for
Diseases

Disease/Symptom	Cumulative Knowledge	Article Count
Neuropathic Pain	83	10
HIV Drug-Induced Toxicity	40	4
HIV Infections	40	4
Chemotherapy-Induced Toxicity: Peripheral Neuropathy	31	4
Chemotherapy-Induced Toxicity: Cisplatin	20	2
Chemotherapy-Induced Toxicity: Paclitaxel	20	2
Depression	20	2
Elderly: Age Specific Diseases	20	2
Sperm Quality: Low	20	2
Allodynia	10	1
Ammonia: Elevated	10	1
Asthenozoospermia	10	1
Brain Damage	10	1
Coronary Artery Disease	10	1
Dementia: Vascular	10	1
Endothelial Dysfunction	10	1
Head Injuries	10	1
Hepatic Encephalopathy	10	1
Human Growth Hormone: Enhancement	10	1
Infertility: Male	10	1
Traumatic Brain Injury	10	1
Aging: Brain	5	3
Alzheimer's Disease	5	3

Pain	4	2
Peripheral Neuropathies	4	3
Aging	2	1
Cataract	2	1
Cognitive Decline/Dysfunction	2	1
DNA damage	2	1
Demyelinating Diseases	2	1
Diabetes Mellitus: Type 2	2	1
Diabetes: Cardiovascular Illness	2	1
Diabetic Neuropathies	2	1
HIV Protease Inhibitor Ritonavir Toxicity	2	1
Leptin Resistance	2	1
Memory Disorders	2	1
Memory Loss	2	1
Mitochondrial Diseases	2	1
Mitochondrial Dysfunction	2	1
Muscle Fatigue	2	1
Neuropathies	2	1
Oxidative Stress	2	1
Pain: Chronic	2	1
Radiation Induced Illness	2	1
Attention Deficit Disorder with Hyperactivity	0	1

10 Relevant Results for Pharmacological Actions

Pharmacological Action Name	Cumulative Knowledge	Article Count
Reverse Transcriptase Inhibitors	20	2
Neuroprotective Agents	14	3

Anti-HIV Agents	10	1
Neurorestorative	10	1
Vasodilator Agents	10	1
Antioxidants	8	4
Analgesics	2	1
Analgesics: Non-Narcotic	2	1
Radioprotective	2	1
Antinoceceptive	1	1

18 Relevant Results for Substances

Substance Name	Cumulative Knowledge	Article Count
Alpha-Lipoic Acid	30	7
Carnitine	30	3
Arginine	10	1
B-complex	10	1
Fish Oil	10	1
Ginkgo biloba	10	1
Ginseng	10	1
Huperzine	10	1
Multivitamin	10	1
NAC (N-acetyl-L-cysteine)	10	1
Ornithine	10	1
Vinpocetine	10	1
Vitamin E	4	2
Biotin	2	1
Coenzyme Q10	2	1
Gamma-Linoleic Acid (GLA)	2	1
Niacin	2	1

Resveratrol	2	1

5 Relevant Results for Keywords

Keyword Name	Cumulative Knowledge	Article Count
Drug: Cisplatin	10	1
Drug: Paclitaxel	10	1
Sodium Selenite	2	1
Stilbenes	2	1
Superiority of Natural Substances versus Drugs	2	1

View the Evidence.
36 Research Articles in Total.

Category : Diseases

Aging (AC 1) (CK 2)

Acetyl-l-carnitine supplementation partly reduces the leptin resistance that occurs in old rats, and improves ATP production in skeletal muscle mitochondria through an increase in mitochondrial protein content.

Pubmed Data : J Nutr.2002 Apr;132(4):636-42. PMID: 11925454

Article Published Date : Apr 01, 2002

Authors : Susanna Iossa, Maria Pina Mollica, Lillà Lionetti, Raffaella Crescenzo, Monica Botta, Antonio Barletta, Giovanna Liverini

Study Type : Animal Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36)

Diseases : Aging : CK(1563) : AC(422), Leptin Resistance : CK(10) : AC(5)

Aging: Brain (AC 3) (CK 5)

Acetyl-l-carnitine and R-alpha-lipoic acid partially reverses brain decay and RNA/DNA oxidation associated with memory loss in rats.

Pubmed Data : Proc Natl Acad Sci U S A.2002 Feb 19;99(4):2356-61. PMID: 11854529

Article Published Date : Feb 19, 2002

Authors : Jiankang Liu, Elizabeth Head, Afshin M Gharib, Wenjun Yuan, Russell T Ingersoll, Tory M Hagen, Carl W Cotman, Bruce N Ames

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84)
Diseases : Aging: Brain : CK(206) : AC(75), DNA damage : CK(931) : AC(304) , Memory Disorders : CK(303) : AC(68), Memory Loss : CK(143) : AC(35)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Acetyl-l-carnitine delays the mitochondrial decay of aging and improves cognitive function in Alzheimers disease.

Pubmed Data : Planta Med. 1999 Apr;65(3):266-8. PMID: 15591008

Article Published Date : Apr 01, 1999

Authors : Bruce N Ames, Jiankang Liu

Study Type : Review
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Aging: Brain : CK(206) : AC(75), Alzheimer's Disease : CK(1677) : AC(168)

R-lipoic acid and acetyl-l-carnitine ameliorate age-associated oxidative damage to the brain, in a rat experimental model.

Pubmed Data : Neurochem Res. 2009 Apr;34(4):755-63. Epub 2008 Oct 10. PMID: 18846423

Article Published Date : Apr 01, 2009

Authors : Jiangang Long, Feng Gao, Liqi Tong, Carl W Cotman, Bruce N Ames, Jiankang Liu

Study Type : Animal Study
Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84)
Diseases : Aging: Brain : CK(206) : AC(75), Alzheimer's Disease : CK(1677) : AC(168) , Cognitive Decline/Dysfunction : CK(1098) : AC(95)

Allodynia (AC 1) (CK 10)

Acetyl-l-carnitine has a neuroprotective effect against chemotherapy-induced allodynia.

Pubmed Data : In Vivo. 2005 May-Jun;19(3):631-7. PMID: **15875786**

Article Published Date : May 01, 2005

Authors : Orlando Ghirardi, Mario Vertechy, Loredana Vesci, Annalisa Canta, Gabriella Nicolini, Stefania Galbiati, Cristina Ciogli, Gianni Quattrini, Claudio Pisano, Sante Cundari, Laura Maria Rigamonti

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Allodynia : CK(16) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Alzheimer's Disease (AC 3) (CK 5)

Acetyl-l-carnitine delays the mitochondrial decay of aging and improves cognitive function in Alzheimers disease.

Pubmed Data : Planta Med. 1999 Apr;65(3):266-8. PMID: **15591008**

Article Published Date : Apr 01, 1999

Authors : Bruce N Ames, Jiankang Liu

Study Type : Review
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Aging: Brain : CK(206) : AC(75), Alzheimer's Disease : CK(1677) : AC(168)

R-lipoic acid and acetyl-l-carnitine ameliorate age-associated oxidative damage to the brain, in a rat experimental model.

Pubmed Data : Neurochem Res. 2009 Apr;34(4):755-63. Epub 2008 Oct 10. PMID: **18846423**

Article Published Date : Apr 01, 2009

Authors : Jiangang Long, Feng Gao, Liqi Tong, Carl W Cotman, Bruce N Ames, Jiankang Liu

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84)
Diseases : Aging: Brain : CK(206) : AC(75), Alzheimer's Disease : CK(1677) : AC(168) , Cognitive Decline/Dysfunction : CK(1098) : AC(95)

Vitamin E, acetyl-l-carnitine and α-lipoic acid are superior to the drug donepezil (Aricept) at normalizing biomarkers associated with Alzheimer's disease in an animal model.

Pubmed Data : Exp Toxicol Pathol. 2010 Dec 23. Epub 2010 Dec 23. PMID: **21183322**

Article Published Date : Dec 23, 2010

Authors : Hanaa H Ahmed

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , Vitamin E : CK(1618) : AC(283)
Diseases : Alzheimer's Disease : CK(1677) : AC(168)
Additional Keywords : Superiority of Natural Substances versus Drugs : CK(1256) : AC(225)

Ammonia: Elevated (AC 1) (CK 10)

L-carnitine and acetyl-L-carnitine may transiently improve neuronal function in cirrhotic patients with persistent hepatic encephalopathy and hyperammonaemia.

Pubmed Data : Clin Exp Pharmacol Physiol. 2006 Jan-Feb;33(1-2):76-80. PMID: **16445703**

Article Published Date : Jan 01, 2006

Authors : Massimo Siciliano, Brigida E Annicchiarico, Franco Lucchese, Giuseppe Bombardieri

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Carnitine : CK(423) : AC(64)
Diseases : Ammonia: Elevated : CK(89) : AC(17), Hepatic Encephalopathy : CK(44) : AC(9)

Asthenozoospermia (AC 1) (CK 10)

Treatment with carnitine, acetyl carnitine, L-arginine and ginseng improves sperm motility and sexual health in men with asthenopermia.

Pubmed Data : Minerva Urol Nefrol. 2010 Sep;62(3):213-8. PMID: **20940690**

Article Published Date : Sep 01, 2010

Authors : G Morgante, V Scolaro, C Tosti, A Di Sabatino, P Piomboni, V De Leo

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Arginine : CK(979) : AC(171), Carnitine : CK(423) : AC(64), Ginseng : CK(351) : AC(98)
Diseases : Asthenozoospermia : CK(62) : AC(10), Sperm Quality: Low : CK(190) : AC(33)

Attention Deficit Disorder with Hyperactivity (AC 1) (CK 0)

Acetyl-L-Carnitine represents a safe alternative to stimulant drugs in the treatment of ADHD

Pubmed Data : Am J Med Genet A. 2008 Apr 1;146(7):803-12. PMID: **18286595**

Article Published Date : Apr 01, 2008

Authors : M Giulia Torrioli, Silvia Vernacotola, Laura Peruzzi, Elisabetta Tabolacci, Montserrat Mila, Roberto Militerni, Sebastiano Musumeci, Feliciano J Ramos, Marìa Frontera, Giovanni Sorge, Elisabetta Marzullo, Giusi Romeo, Louis Vallee, Edvige Veneselli, Elena Cocchi, Eleonora Garbarino,

Umberto Moscato, Pietro Chiurazzi, Stefania D'Iddio, Menotti Calvani, Giovanni Neri

Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Attention Deficit Disorder with Hyperactivity : CK(283) : AC(31)

Brain Damage (AC 1) (CK 10)

A nutrient combination improves cognitive function in head injuried former NFL players.

Pubmed Data : J Psychoactive Drugs. 2011 Jan-Mar;43(1):1-5. PMID: 21615001

Article Published Date : Jan 01, 2011

Authors : Daniel G Amen, Joseph C Wu, Derek Taylor, Kristen Willeumier

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84), Fish Oil : CK(627) : AC(97), Ginkgo biloba : CK(786) : AC(156), Huperzine : CK(44) : AC(24), Multivitamin : CK(244) : AC(22), NAC (N-acetyl-L-cysteine) : CK(275) : AC(66), Vinpocetine : CK(11) : AC(3)
Diseases : Brain Damage : CK(85) : AC(39), Head Injuries : CK(33) : AC(4), Traumatic Brain Injury : CK(33) : AC(9)
Pharmacological Actions : Neurorestorative : CK(50) : AC(14)

Cataract (AC 1) (CK 2)

Acetyl-l-carnitine has anti-cataractogenic properties.

Pubmed Data : Exp Eye Res. 2006 Dec;83(6):1340-9. Epub 2006 Sep 8. PMID: 16962580

Article Published Date : Dec 01, 2006

Authors : P Geraldine, B Brijit Sneha, R Elanchezhian, E Ramesh, C M Kalavathy, J Kaliamurthy, P A Thomas

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Cataract : CK(196) : AC(61), Oxidative Stress : CK(3609) : AC(750)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004)
Additional Keywords : Sodium Selenite : CK(39) : AC(18)

Chemotherapy-Induced Toxicity: Cisplatin (AC 2) (CK 20)

Acetyl L-carnitine treatment improves symptoms of chemotherapy induced neuropathy.

Pubmed Data : Eur J Cancer. 2005 Aug;41(12):1746-50. PMID: **16039110**

Article Published Date : Aug 01, 2005

Authors : Giulia Bianchi, Giordano Vitali, Augusto Caraceni, Sabrina Ravaglia, Giuseppe Capri, Sante Cundari, Claudio Zanna, Luca Gianni

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(274) : AC(76) , Neuropathic Pain : CK(262) : AC(27)

Acetyl-L-carnitine appears to be an effective and well-tolerated agent for the treatment of chemotherapy-induced peripheral neuropathy.

Pubmed Data : Tumori. 2005 Mar-Apr;91(2):135-8. PMID: **15948540**

Article Published Date : Mar 01, 2005

Authors : Antonio Maestri, Adolfo De Pasquale Ceratti, Sante Cundari, Claudio Zanna, Enrico Cortesi, Lucio Crinò

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(274) : AC(76) , Neuropathic Pain : CK(262) : AC(27)
Additional Keywords : Drug: Cisplatin : CK(31) : AC(11)

Chemotherapy-Induced Toxicity: Paclitaxel (AC 2) (CK 20)

Acetyl-L-carnitine prevents and reduces paclitaxel-induced painful peripheral neuropathy.

Pubmed Data : Neurosci Lett. 2006 Apr 24;397(3):219-23. Epub 2006 Jan 6. PMID: 16406309

Article Published Date : Apr 24, 2006

Authors : Sarah J L Flatters, Wen-Hua Xiao, Gary J Bennett

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Paclitaxel : CK(32) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5), Neuropathic Pain : CK(262) : AC(27)

Prophylactic acetyl-L-carnitine treatment against paclitaxel-evoked pain may be related to a protective effect on C-fiber mitochondria.

Pubmed Data : Exp Neurol. 2008 Mar;210(1):229-37. Epub 2007 Nov 17. PMID: 18078936

Article Published Date : Mar 01, 2008

Authors : Hai Wei Jin, Sarah J L Flatters, Wen Hua Xiao, Howard L Mulhern, Gary J Bennett

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Paclitaxel : CK(32) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5), Neuropathic Pain : CK(262) : AC(27)
Additional Keywords : Drug: Paclitaxel : CK(36) : AC(13)

Chemotherapy-Induced Toxicity: Peripheral Neuropathy (AC 4) (CK 31)

Acetyl-L-carnitine prevents and reduces paclitaxel-

induced painful peripheral neuropathy.

Pubmed Data : Neurosci Lett. 2006 Apr 24;397(3):219-23. Epub 2006 Jan 6. PMID: **16406309**

Article Published Date : Apr 24, 2006

Authors : Sarah J L Flatters, Wen-Hua Xiao, Gary J Bennett

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Paclitaxel : CK(32) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5), Neuropathic Pain : CK(262) : AC(27)

Acetyl-l-carnitine has a neuroprotective effect against chemotherapy-induced allodynia.

Pubmed Data : In Vivo. 2005 May-Jun;19(3):631-7. PMID: **15875786**

Article Published Date : May 01, 2005

Authors : Orlando Ghirardi, Mario Vertechy, Loredana Vesci, Annalisa Canta, Gabriella Nicolini, Stefania Galbiati, Cristina Ciogli, Gianni Quattrini, Claudio Pisano, Sante Cundari, Laura Maria Rigamonti

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Allodynia : CK(16) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Acetyl-l-carnitine has therapeutic activity in treating chemotherapy-induced peripheral neuropathy.

Pubmed Data : CNS Drugs. 2007;21 Suppl 1:39-43; discussion 45-6. PMID: **17696592**

Article Published Date : Jan 01, 2007

Authors : Domenico De Grandis

Study Type : Review
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5) , Peripheral Neuropathies : CK(454) : AC(31)

Prophylactic acetyl-L-carnitine treatment against paclitaxel-evoked pain may be related to a protective effect on C-fiber mitochondria.

Pubmed Data : Exp Neurol. 2008 Mar;210(1):229-37. Epub 2007 Nov 17. PMID: **18078936**

Article Published Date : Mar 01, 2008

Authors : Hai Wei Jin, Sarah J L Flatters, Wen Hua Xiao, Howard L Mulhern, Gary J Bennett

Study Type : Human Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36)

Diseases : Chemotherapy-Induced Toxicity: Paclitaxel : CK(32) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5), Neuropathic Pain : CK(262) : AC(27)

Additional Keywords : Drug: Paclitaxel : CK(36) : AC(13)

Cognitive Decline/Dysfunction (AC 1) (CK 2)

R-lipoic acid and acetyl-l-carnitine ameliorate age-associated oxidative damage to the brain, in a rat experimental model.

Pubmed Data : Neurochem Res. 2009 Apr;34(4):755-63. Epub 2008 Oct 10. PMID: 18846423

Article Published Date : Apr 01, 2009

Authors : Jiangang Long, Feng Gao, Liqi Tong, Carl W Cotman, Bruce N Ames, Jiankang Liu

Study Type : Animal Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84)

Diseases : Aging: Brain : CK(206) : AC(75), Alzheimer's Disease : CK(1677) : AC(168) , Cognitive Decline/Dysfunction : CK(1098) : AC(95)

Coronary Artery Disease (AC 1) (CK 10)

Alpha-Lipoic acid and acetyl-L-carnitine appear to improve vascular function and blood pressure in patients

with coronary artery disease.

Pubmed Data : J Clin Hypertens (Greenwich). 2007 Apr;9(4):249-55. PMID: **17396066**

Article Published Date : Apr 01, 2007

Authors : Craig J McMackin, Michael E Widlansky, Naomi M Hamburg, Alex L Huang, Susan Weller, Monika Holbrook, Noyan Gokce, Tory M Hagen, John F Keaney, Joseph A Vita

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36) , Alpha-Lipoic Acid : CK(388) : AC(84) , B-complex : CK(248) : AC(29)
Diseases : Coronary Artery Disease : CK(1367) : AC(137) , Endothelial Dysfunction : CK(1079) : AC(181)
Pharmacological Actions : Vasodilator Agents : CK(262) : AC(54)

DNA damage (AC 1) (CK 2)

Acetyl-l-carnitine and R-alpha-lipoic acid partially reverses brain decay and RNA/DNA oxidation associated with memory loss in rats.

Pubmed Data : Proc Natl Acad Sci U S A.2002 Feb 19;99(4):2356-61. PMID: **11854529**

Article Published Date : Feb 19, 2002

Authors : Jiankang Liu, Elizabeth Head, Afshin M Gharib, Wenjun Yuan, Russell T Ingersoll, Tory M Hagen, Carl W Cotman, Bruce N Ames

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36) , Alpha-Lipoic Acid : CK(388) : AC(84)
Diseases : Aging: Brain : CK(206) : AC(75), DNA damage : CK(931) : AC(304) , Memory Disorders : CK(303) : AC(68), Memory Loss : CK(143) : AC(35)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Dementia: Vascular (AC 1) (CK 10)

Acetyl-L-carnitine is effective in the treatment of early stages of Alzheimer's disease and vascular dementia

Pubmed Data : Zh Nevrol Psikhiatr Im S S Korsakova. 2011 ;111(9):16-22. PMID: 22027664

Article Published Date : Jan 01, 2011

Authors : S I Gavrilova, Ia B Kalyn, I V Kolykhalov, I F Roshchina, N D Selezneva

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Dementia: Vascular : CK(13) : AC(4)

Demyelinating Diseases (AC 1) (CK 2)

Acetyl-l-carnitine increases nerve regeneration and target organ reinnervation.

Pubmed Data : Clin Biochem. 2005 Feb;38(2):191-6. PMID: 19664977

Article Published Date : Feb 01, 2005

Authors : Andrew D H Wilson, Andrew Hart, Mikael Wiberg, Giorgio Terenghi

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Demyelinating Diseases : CK(1670) : AC(331)

Depression (AC 2) (CK 20)

Acetyl-l-carnitine improves depression in senile patients.

Pubmed Data : Drugs Exp Clin Res. 1990;16(2):101-6. PMID: 2205455

Article Published Date : Jan 01, 1990

Authors : G Garzya, D Corallo, A Fiore, G Lecciso, G Petrelli, C Zotti

Study Type : Human Study

Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Depression : CK(1242) : AC(94) , Elderly: Age Specific Diseases : CK(442) : AC(38)

Acetyl-l-carnitine may have therapeutic properties in geriatric depression.

Pubmed Data : Int J Neurosci. 2003 Dec;113(12):1691-701. PMID: **12047496**

Article Published Date : Dec 01, 2003

Authors : Jay W Pettegrew, Joseph Levine, Samuel Gershon, Jeffrey A Stanley, David Servan-Schreiber, Kanagasabai Panchalingam, Richard J McClure

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Depression : CK(1242) : AC(94) , Elderly: Age Specific Diseases : CK(442) : AC(38)

Diabetes Mellitus: Type 2 (AC 1) (CK 2)

A combination of mitochondrial targeting nutrients may improve skeletal mitochondrial dysfunction and exert hypoglycemic effects, without causing weight gain.

Pubmed Data : PLoS One. 2008;3(6):e2328. Epub 2008 Jun 4. PMID: **18523557**

Article Published Date : Jan 01, 2008

Authors : Weili Shen, Jiejie Hao, Chuan Tian, Jinmin Ren, Lu Yang, Xuesen Li, Cheng Luo, Carl W Cotma, Jiankang Liu

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36) , Alpha-Lipoic Acid : CK(388) : AC(84) , Biotin : CK(60) : AC(10), Niacin : CK(185) : AC(26)
Diseases : Diabetes Mellitus: Type 2 : CK(3278) : AC(572) , Mitochondrial Diseases : CK(157) : AC(57) , Mitochondrial Dysfunction : CK(188) : AC(57)

Diabetes: Cardiovascular Illness (AC 1) (CK 2)

Antioxidant and gamma linolenic acid have a protective effect against nerve and vascular dysfunction in experimental diabetes.

Pubmed Data : Diabetes Res Clin Pract. 1999 Sep;45(2-3):137-46. PMID: **10588366**

Article Published Date : Sep 01, 1999

Authors : N E Cameron, M A Cotter

Study Type : Animal Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , Gamma-Linoleic Acid (GLA) : CK(86) : AC(18), Vitamin E : CK(1618) : AC(283)

Diseases : Diabetes: Cardiovascular Illness : CK(690) : AC(106) , Diabetic Neuropathies : CK(193) : AC(32)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004)

Diabetic Neuropathies (AC 1) (CK 2)

Antioxidant and gamma linolenic acid have a protective effect against nerve and vascular dysfunction in experimental diabetes.

Pubmed Data : Diabetes Res Clin Pract. 1999 Sep;45(2-3):137-46. PMID: **10588366**

Article Published Date : Sep 01, 1999

Authors : N E Cameron, M A Cotter

Study Type : Animal Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , Gamma-Linoleic Acid (GLA) : CK(86) : AC(18), Vitamin E : CK(1618) : AC(283)

Diseases : Diabetes: Cardiovascular Illness : CK(690) : AC(106) , Diabetic Neuropathies : CK(193) : AC(32)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004)

Elderly: Age Specific Diseases (AC 2) (CK 20)

Acetyl-l-carnitine improves depression in senile patients.

Pubmed Data : Drugs Exp Clin Res. 1990;16(2):101-6. PMID: **2205455**

Article Published Date : Jan 01, 1990

Authors : G Garzya, D Corallo, A Fiore, G Lecciso, G Petrelli, C Zotti

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Depression : CK(1242) : AC(94) , Elderly: Age Specific Diseases : CK(442) : AC(38)

Acetyl-l-carnitine may have therapeutic properties in geriatric depression.

Pubmed Data : Int J Neurosci. 2003 Dec;113(12):1691-701. PMID: **12047496**

Article Published Date : Dec 01, 2003

Authors : Jay W Pettegrew, Joseph Levine, Samuel Gershon, Jeffrey A Stanley, David Servan-Schreiber, Kanagasabai Panchalingam, Richard J McClure

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Depression : CK(1242) : AC(94) , Elderly: Age Specific Diseases : CK(442) : AC(38)

Endothelial Dysfunction (AC 1) (CK 10)

Alpha-Lipoic acid and acetyl-L-carnitine appear to improve vascular function and blood pressure in patients with coronary artery disease.

Pubmed Data : J Clin Hypertens (Greenwich). 2007 Apr;9(4):249-55. PMID: 17396066

Article Published Date : Apr 01, 2007

Authors : Craig J McMackin, Michael E Widlansky, Naomi M Hamburg, Alex L Huang, Susan Weller, Monika Holbrook, Noyan Gokce, Tory M Hagen, John F Keaney, Joseph A Vita

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , B-complex : CK(248) : AC(29)
Diseases : Coronary Artery Disease : CK(1367) : AC(137) , Endothelial Dysfunction : CK(1079) : AC(181)
Pharmacological Actions : Vasodilator Agents : CK(262) : AC(54)

HIV Drug-Induced Toxicity (AC 4) (CK 40)

Acetyl L-carnitine has a therapeutic effect in the symptomatic treatment of antiretroviral toxic neuropathy in patients with HIV-1 infection.

Pubmed Data : HIV Med. 2007 May;8(4):241-50. PMID: 17461852

Article Published Date : May 01, 2007

Authors : M Youle, M Osio,

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Anti-HIV Agents : CK(108) : AC(60)

Acetyl L-carnitine treatment improves symptoms and causes peripheral nerve regeneration in HIV-associated anteretroviral toxic neuropathy.

Pubmed Data : AIDS. 2004 Jul 23;18(11):1549-60. PMID: 15238773

Article Published Date : Jul 23, 2004

Authors : Andrew M Hart, Andrew D H Wilson, Cristina Montovani, Colette Smith, Margaret Johnson, Giorgio Terenghi, Mike Youle

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Acetyl-L-carnitine has a positive long-term effect in the treatment of antiretroviral toxic neuropathy.

Pubmed Data : HIV Clin Trials. 2005 Nov-Dec;6(6):344-50. PMID: **16566084**

Article Published Date : Nov 01, 2005

Authors : Christian Herzmann, Margaret A Johnson, Mike Youle

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Acetyl-l-carnitine was effective and well tolerated in symptomatic treatment of painful neuropathy associated with antiretroviral toxicity.

Pubmed Data : J Peripher Nerv Syst. 2006 Mar;11(1):72-6. PMID: **16519785**

Article Published Date : Mar 01, 2006

Authors : Maurizio Osio, Francesco Muscia, Luisa Zampini, Caterina Nascimbene, Enrico Mailland, Antonietta Cargnel, Claudio Mariani

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)

HIV Infections (AC 4) (CK 40)

Acetyl L-carnitine has a therapeutic effect in the

symptomatic treatment of antiretroviral toxic neuropathy in patients with HIV-1 infection.

Pubmed Data : HIV Med. 2007 May;8(4):241-50. PMID: **17461852**

Article Published Date : May 01, 2007

Authors : M Youle, M Osio,

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Anti-HIV Agents : CK(108) : AC(60)

Acetyl L-carnitine treatment improves symptoms and causes peripheral nerve regeneration in HIV-associated anteretroviral toxic neuropathy.

Pubmed Data : AIDS. 2004 Jul 23;18(11):1549-60. PMID: **15238773**

Article Published Date : Jul 23, 2004

Authors : Andrew M Hart, Andrew D H Wilson, Cristina Montovani, Colette Smith, Margaret Johnson, Giorgio Terenghi, Mike Youle

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Acetyl-L-carnitine has a positive long-term effect in the treatment of antiretroviral toxic neuropathy.

Pubmed Data : HIV Clin Trials. 2005 Nov-Dec;6(6):344-50. PMID: **16566084**

Article Published Date : Nov 01, 2005

Authors : Christian Herzmann, Margaret A Johnson, Mike Youle

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Acetyl-l-carnitine was effective and well tolerated in

symptomatic treatment of painful neuropathy associated with antiretroviral toxicity.

Pubmed Data : J Peripher Nerv Syst. 2006 Mar;11(1):72-6. PMID: 16519785

Article Published Date : Mar 01, 2006

Authors : Maurizio Osio, Francesco Muscia, Luisa Zampini, Caterina Nascimbene, Enrico Mailland, Antonietta Cargnel, Claudio Mariani

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)

HIV Protease Inhibitor Ritonavir Toxicity (AC 1) (CK 2)

Coenzyme Q10 and acetyl-l-carnitine prevents antiretroviral toxic neuropathy in an in vitro model.

Pubmed Data : Curr HIV Res. 2010 Apr 1;8(3):232-9. PMID: 20158454

Article Published Date : Apr 01, 2010

Authors : Catherine L Cherry, Masqura Mobarok, Steven L Wesselingh, Randi Fain, Shelley Weinstock, Gilda Tachedjian, Seema Srivastava, David P Tyssen, Jonathan D Glass, David J Hooker

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Coenzyme Q10 : CK(931) : AC(139)
Diseases : HIV Protease Inhibitor Ritonavir Toxicity : CK(7) : AC(4) , Neuropathies : CK(436) : AC(72)

Head Injuries (AC 1) (CK 10)

A nutrient combination improves cognitive function in

head injuried former NFL players.

Pubmed Data : J Psychoactive Drugs. 2011 Jan-Mar;43(1):1-5. PMID: 21615001

Article Published Date : Jan 01, 2011

Authors : Daniel G Amen, Joseph C Wu, Derek Taylor, Kristen Willeumier

Study Type : Human Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84), Fish Oil : CK(627) : AC(97), Ginkgo biloba : CK(786) : AC(156), Huperzine : CK(44) : AC(24), Multivitamin : CK(244) : AC(22), NAC (N-acetyl-L-cysteine) : CK(275) : AC(66), Vinpocetine : CK(11) : AC(3)

Diseases : Brain Damage : CK(85) : AC(39), Head Injuries : CK(33) : AC(4), Traumatic Brain Injury : CK(33) : AC(9)

Pharmacological Actions : Neurorestorative : CK(50) : AC(14)

Hepatic Encephalopathy (AC 1) (CK 10)

L-carnitine and acetyl-L-carnitine may transiently improve neuronal function in cirrhotic patients with persistent hepatic encephalopathy and hyperammonaemia.

Pubmed Data : Clin Exp Pharmacol Physiol. 2006 Jan-Feb;33(1-2):76-80. PMID: 16445703

Article Published Date : Jan 01, 2006

Authors : Massimo Siciliano, Brigida E Annicchiarico, Franco Lucchese, Giuseppe Bombardieri

Study Type : Human Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36), Carnitine : CK(423) : AC(64)

Diseases : Ammonia: Elevated : CK(89) : AC(17), Hepatic Encephalopathy : CK(44) : AC(9)

Human Growth Hormone: Enhancement (AC 1) (CK 10)

Acetyl-l-carnitine and Ornithine may help to facilitate night time growth hormone release.

Pubmed Data : Med Hypotheses. 2001 May;56(5):610-3. PMID: **11388776**

Article Published Date : May 01, 2001

Authors : T B Parr

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Ornithine : CK(50) : AC(6)
Diseases : Human Growth Hormone: Enhancement : CK(84) : AC(11)

Infertility: Male (AC 1) (CK 10)

Combined treatment with l-carnitine and l-acetyl-carnitine in a controlled study of efficacy was effective in increasing sperm motility.

Pubmed Data : Fertil Steril. 2004 Jun;81(6):1578-84. PMID: **15193480**

Article Published Date : Jun 01, 2004

Authors : Andrea Lenzi, Paolo Sgrò, Pietro Salacone, Donatella Paoli, Barbara Gilio, Francesco Lombardo, Maria Santulli, Ashok Agarwal, Loredana Gandini

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Carnitine : CK(423) : AC(64)
Diseases : Infertility: Male : CK(314) : AC(62) , Sperm Quality: Low : CK(190) : AC(33)

Leptin Resistance (AC 1) (CK 2)

Acetyl-l-carnitine supplementation partly reduces the leptin resistance that occurs in old rats, and improves ATP production in skeletal muscle mitochondria through an increase in mitochondrial protein content.

Pubmed Data : J Nutr.2002 Apr;132(4):636-42. PMID: **11925454**

Article Published Date : Apr 01, 2002

Authors : Susanna Iossa, Maria Pina Mollica, Lillà Lionetti, Raffaella Crescenzo, Monica Botta, Antonio Barletta, Giovanna Liverini

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Aging : CK(1563) : AC(422), Leptin Resistance : CK(10) : AC(5)

Memory Disorders (AC 1) (CK 2)

Acetyl-l-carnitine and R-alpha-lipoic acid partially reverses brain decay and RNA/DNA oxidation associated with memory loss in rats.

Pubmed Data : Proc Natl Acad Sci U S A.2002 Feb 19;99(4):2356-61. PMID: **11854529**

Article Published Date : Feb 19, 2002

Authors : Jiankang Liu, Elizabeth Head, Afshin M Gharib, Wenjun Yuan, Russell T Ingersoll, Tory M Hagen, Carl W Cotman, Bruce N Ames

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84)
Diseases : Aging: Brain : CK(206) : AC(75), DNA damage : CK(931) : AC(304) , Memory Disorders : CK(303) : AC(68), Memory Loss : CK(143) : AC(35)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Memory Loss (AC 1) (CK 2)

Acetyl-l-carnitine and R-alpha-lipoic acid partially reverses brain decay and RNA/DNA oxidation associated with memory loss in rats.

Pubmed Data : Proc Natl Acad Sci U S A.2002 Feb 19;99(4):2356-61. PMID: **11854529**

Article Published Date : Feb 19, 2002

Authors : Jiankang Liu, Elizabeth Head, Afshin M Gharib, Wenjun Yuan, Russell T Ingersoll, Tory M Hagen, Carl W Cotman, Bruce N Ames

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84)
Diseases : Aging: Brain : CK(206) : AC(75), DNA damage : CK(931) : AC(304) , Memory Disorders : CK(303) : AC(68), Memory Loss : CK(143) : AC(35)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Mitochondrial Diseases (AC 1) (CK 2)

A combination of mitochondrial targeting nutrients may improve skeletal mitochondrial dysfunction and exert hypoglycemic effects, without causing weight gain.

Pubmed Data : PLoS One. 2008;3(6):e2328. Epub 2008 Jun 4. PMID: **18523557**

Article Published Date : Jan 01, 2008

Authors : Weili Shen, Jiejie Hao, Chuan Tian, Jinmin Ren, Lu Yang, Xuesen Li, Cheng Luo, Carl W Cotma, Jiankang Liu

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , Biotin : CK(60) : AC(10), Niacin : CK(185) : AC(26)
Diseases : Diabetes Mellitus: Type 2 : CK(3278) : AC(572) , Mitochondrial Diseases : CK(157) : AC(57) , Mitochondrial Dysfunction : CK(188) : AC(57)

Mitochondrial Dysfunction (AC 1) (CK 2)

A combination of mitochondrial targeting nutrients may improve skeletal mitochondrial dysfunction and exert hypoglycemic effects, without causing weight gain.

Pubmed Data : PLoS One. 2008;3(6):e2328. Epub 2008 Jun 4. PMID: 18523557

Article Published Date : Jan 01, 2008

Authors : Weili Shen, Jiejie Hao, Chuan Tian, Jinmin Ren, Lu Yang, Xuesen Li, Cheng Luo, Carl W Cotma, Jiankang Liu

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , Biotin : CK(60) : AC(10), Niacin : CK(185) : AC(26)
Diseases : Diabetes Mellitus: Type 2 : CK(3278) : AC(572) , Mitochondrial Diseases : CK(157) : AC(57) , Mitochondrial Dysfunction : CK(188) : AC(57)

Muscle Fatigue (AC 1) (CK 2)

Acetyl-l-carnitine supplementation may reduce muscle fatigue by increasing fat oxidation.

Pubmed Data : Proteomics.2008 Sep;8(17):3588-604. PMID: 18686300

Article Published Date : Sep 01, 2008

Authors : Manuela Moriggi, Pierluigi Cassano, Michele Vasso, Daniele Capitanio, Chiara Fania, Clara Musicco, Vito Pesce, Maria Nicola Gadaleta, Cecilia Gelfi

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Muscle Fatigue : CK(24) : AC(4)

Neuropathic Pain (AC 10) (CK 83)

Acetyl L-carnitine exhibits pain-killing activity in an animal model of neuropathy.

Pubmed Data : Neuropharmacology. 2002 Dec;43(7):1180-7. PMID: 12504925

Article Published Date : Dec 01, 2002

Authors : Carla Ghelardini, Nicoletta Galeotti, Menotti Calvani, Luigi Mosconi, Raffaella Nicolai, Alessandro Bartolini

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Neuropathic Pain : CK(262) : AC(27) , Pain : CK(633) : AC(102)
Pharmacological Actions : Analgesics : CK(1074) : AC(152)

Acetyl L-carnitine has a therapeutic effect in the symptomatic treatment of antiretroviral toxic neuropathy in patients with HIV-1 infection.

Pubmed Data : HIV Med. 2007 May;8(4):241-50. PMID: 17461852

Article Published Date : May 01, 2007

Authors : M Youle, M Osio,

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Anti-HIV Agents : CK(108) : AC(60)

Acetyl L-carnitine treatment improves symptoms and causes peripheral nerve regeneration in HIV-associated anteretroviral toxic neuropathy.

Pubmed Data : AIDS. 2004 Jul 23;18(11):1549-60. PMID: 15238773

Article Published Date : Jul 23, 2004

Authors : Andrew M Hart, Andrew D H Wilson, Cristina Montovani, Colette Smith, Margaret Johnson, Giorgio Terenghi, Mike Youle

Study Type : Human Study
Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Acetyl L-carnitine treatment improves symptoms of chemotherapy induced neuropathy.

Pubmed Data : Eur J Cancer. 2005 Aug;41(12):1746-50. PMID: **16039110**

Article Published Date : Aug 01, 2005

Authors : Giulia Bianchi, Giordano Vitali, Augusto Caraceni, Sabrina Ravaglia, Giuseppe Capri, Sante Cundari, Claudio Zanna, Luca Gianni

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(274) : AC(76) , Neuropathic Pain : CK(262) : AC(27)

Acetyl-L-carnitine appears to be an effective and well-tolerated agent for the treatment of chemotherapy-induced peripheral neuropathy.

Pubmed Data : Tumori. 2005 Mar-Apr;91(2):135-8. PMID: **15948540**

Article Published Date : Mar 01, 2005

Authors : Antonio Maestri, Adolfo De Pasquale Ceratti, Sante Cundari, Claudio Zanna, Enrico Cortesi, Lucio Crinò

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(274) : AC(76) , Neuropathic Pain : CK(262) : AC(27)
Additional Keywords : Drug: Cisplatin : CK(31) : AC(11)

Acetyl-L-carnitine has a positive long-term effect in the treatment of antiretroviral toxic neuropathy.

Pubmed Data : HIV Clin Trials. 2005 Nov-Dec;6(6):344-50. PMID: **16566084**

Article Published Date : Nov 01, 2005

Authors : Christian Herzmann, Margaret A Johnson, Mike Youle

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) ,

Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Acetyl-L-carnitine prevents and reduces paclitaxel-induced painful peripheral neuropathy.

Pubmed Data : Neurosci Lett. 2006 Apr 24;397(3):219-23. Epub 2006 Jan 6. PMID: **16406309**

Article Published Date : Apr 24, 2006

Authors : Sarah J L Flatters, Wen-Hua Xiao, Gary J Bennett

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Paclitaxel : CK(32) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5), Neuropathic Pain : CK(262) : AC(27)

Acetyl-l-carnitine has significant therapeutic value in the treatment of neuropathic pain.

Pubmed Data : CNS Drugs.2007;21 Suppl 1:31-8; discussion 45-6. PMID: **17696591**

Article Published Date : Jan 01, 2007

Authors : Santina Chiechio, Agata Copani, Robert W Gereau, Ferdinando Nicoletti

Study Type : Review
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Neuropathic Pain : CK(262) : AC(27) , Peripheral Neuropathies : CK(454) : AC(31)
Pharmacological Actions : Antinoceceptive : CK(107) : AC(31)

Acetyl-l-carnitine was effective and well tolerated in symptomatic treatment of painful neuropathy associated with antiretroviral toxicity.

Pubmed Data : J Peripher Nerv Syst. 2006 Mar;11(1):72-6. PMID: **16519785**

Article Published Date : Mar 01, 2006

Authors : Maurizio Osio, Francesco Muscia, Luisa Zampini, Caterina Nascimbene, Enrico Mailland, Antonietta Cargnel, Claudio Mariani

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)

Prophylactic acetyl-L-carnitine treatment against paclitaxel-evoked pain may be related to a protective effect on C-fiber mitochondria.

Pubmed Data : Exp Neurol. 2008 Mar;210(1):229-37. Epub 2007 Nov 17. PMID: 18078936

Article Published Date : Mar 01, 2008

Authors : Hai Wei Jin, Sarah J L Flatters, Wen Hua Xiao, Howard L Mulhern, Gary J Bennett

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Paclitaxel : CK(32) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5), Neuropathic Pain : CK(262) : AC(27)
Additional Keywords : Drug: Paclitaxel : CK(36) : AC(13)

Neuropathies (AC 1) (CK 2)

Coenzyme Q10 and acetyl-l-carnitine prevents antiretroviral toxic neuropathy in an in vitro model.

Pubmed Data : Curr HIV Res. 2010 Apr 1;8(3):232-9. PMID: 20158454

Article Published Date : Apr 01, 2010

Authors : Catherine L Cherry, Masqura Mobarok, Steven L Wesselingh, Randi Fain, Shelley Weinstock, Gilda Tachedjian, Seema Srivastava, David P Tyssen, Jonathan D Glass, David J Hooker

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Coenzyme Q10 : CK(931) : AC(139)
Diseases : HIV Protease Inhibitor Ritonavir Toxicity : CK(7) : AC(4) , Neuropathies : CK(436) : AC(72)

Oxidative Stress (AC 1) (CK 2)

Acetyl-l-carnitine has anti-cataractogenic properties.

Pubmed Data : Exp Eye Res. 2006 Dec;83(6):1340-9. Epub 2006 Sep 8. PMID: 16962580

Article Published Date : Dec 01, 2006

Authors : P Geraldine, B Brijit Sneha, R Elanchezhian, E Ramesh, C M Kalavathy, J Kaliamurthy, P A Thomas

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Cataract : CK(196) : AC(61), Oxidative Stress : CK(3609) : AC(750)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004)
Additional Keywords : Sodium Selenite : CK(39) : AC(18)

Pain (AC 2) (CK 4)

Acetyl L-carnitine exhibits pain-killing activity in an animal model of neuropathy.

Pubmed Data : Neuropharmacology. 2002 Dec;43(7):1180-7. PMID: 12504925

Article Published Date : Dec 01, 2002

Authors : Carla Ghelardini, Nicoletta Galeotti, Menotti Calvani, Luigi Mosconi, Raffaella Nicolai, Alessandro Bartolini

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Neuropathic Pain : CK(262) : AC(27), Pain : CK(633) : AC(102)
Pharmacological Actions : Analgesics : CK(1074) : AC(152)

Acetyl-l-carnitine is an analgesic.

Pubmed Data : Mol Pharmacol.2002 May;61(5):989-96. PMID: 11961116

Article Published Date : May 01, 2002

Authors : S Chiechio, A Caricasole, E Barletta, M Storto, M V Catania, A Copani, M Vertechy, R Nicolai, M Calvani, D Melchiorri, F Nicoletti

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Pain : CK(633) : AC(102), Pain: Chronic : CK(32) : AC(4)
Pharmacological Actions : Analgesics: Non-Narcotic : CK(25) : AC(9)

Pain: Chronic (AC 1) (CK 2)

Acetyl-l-carnitine is an analgesic.

Pubmed Data : Mol Pharmacol.2002 May;61(5):989-96. PMID: 11961116

Article Published Date : May 01, 2002

Authors : S Chiechio, A Caricasole, E Barletta, M Storto, M V Catania, A Copani, M Vertechy, R Nicolai, M Calvani, D Melchiorri, F Nicoletti

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Pain : CK(633) : AC(102), Pain: Chronic : CK(32) : AC(4)
Pharmacological Actions : Analgesics: Non-Narcotic : CK(25) : AC(9)

Peripheral Neuropathies (AC 3) (CK 4)

Acetyl-l-carnitine and resveratrol has a protective effect against chemically-induced peripheral neuropathy in rats.

Pubmed Data : Neurosci Lett. 2010 Aug 16;480(2):117-21. Epub 2010 Jun 11. PMID: 20542088

Article Published Date : Aug 16, 2010

Authors : Zbigniew K Binienda, Micheal A Beaudoin, Bobby Gough, Syed F Ali, Ashraf Virmani

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Resveratrol : CK(1211) : AC(728)
Diseases : Peripheral Neuropathies : CK(454) : AC(31)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004), Neuroprotective Agents : CK(2127) : AC(919)
Additional Keywords : Stilbenes : CK(402) : AC(242)

Acetyl-l-carnitine has significant therapeutic value in the treatment of neuropathic pain.

Pubmed Data : CNS Drugs.2007;21 Suppl 1:31-8; discussion 45-6. PMID: 17696591

Article Published Date : Jan 01, 2007

Authors : Santina Chiechio, Agata Copani, Robert W Gereau, Ferdinando Nicoletti

Study Type : Review
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Neuropathic Pain : CK(262) : AC(27) , Peripheral Neuropathies : CK(454) : AC(31)
Pharmacological Actions : Antinoceceptive : CK(107) : AC(31)

Acetyl-l-carnitine has therapeutic activity in treating chemotherapy-induced peripheral neuropathy.

Pubmed Data : CNS Drugs. 2007;21 Suppl 1:39-43; discussion 45-6. PMID: **17696592**

Article Published Date : Jan 01, 2007

Authors : Domenico De Grandis

Study Type : Review
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5) , Peripheral Neuropathies : CK(454) : AC(31)

Radiation Induced Illness (AC 1) (CK 2)

Acetyl-l-carnitine has a protective effect against radiation-induced oxidative stress in rats.

Pubmed Data : Pharmacol Res. 2006 Sep;54(3):165-71. Epub 2006 May 1. PMID: **16757176**

Article Published Date : Sep 01, 2006

Authors : Heba H Mansour

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Radiation Induced Illness : CK(1022) : AC(256)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Radioprotective : CK(604) : AC(226)

Sperm Quality: Low (AC 2) (CK 20)

Combined treatment with l-carnitine and l-acetyl-carnitine in a controlled study of efficacy was effective in increasing sperm motility.

Pubmed Data : Fertil Steril. 2004 Jun;81(6):1578-84. PMID: 15193480

Article Published Date : Jun 01, 2004

Authors : Andrea Lenzi, Paolo Sgrò, Pietro Salacone, Donatella Paoli, Barbara Gilio, Francesco Lombardo, Maria Santulli, Ashok Agarwal, Loredana Gandini

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Carnitine : CK(423) : AC(64)
Diseases : Infertility: Male : CK(314) : AC(62), Sperm Quality: Low : CK(190) : AC(33)

Treatment with carnitine, acetyl carnitine, L-arginine and ginseng improves sperm motility and sexual health in men with asthenopermia.

Pubmed Data : Minerva Urol Nefrol. 2010 Sep;62(3):213-8. PMID: 20940690

Article Published Date : Sep 01, 2010

Authors : G Morgante, V Scolaro, C Tosti, A Di Sabatino, P Piomboni, V De Leo

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Arginine : CK(979) : AC(171), Carnitine : CK(423) : AC(64), Ginseng : CK(351) : AC(98)
Diseases : Asthenozoospermia : CK(62) : AC(10), Sperm Quality: Low : CK(190) : AC(33)

Traumatic Brain Injury (AC 1) (CK 10)

A nutrient combination improves cognitive function in head injuried former NFL players.

Pubmed Data : J Psychoactive Drugs. 2011 Jan-Mar;43(1):1-5. PMID: 21615001

Article Published Date : Jan 01, 2011

Authors : Daniel G Amen, Joseph C Wu, Derek Taylor, Kristen Willeumier

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , Fish Oil : CK(627) : AC(97), Ginkgo biloba : CK(786) : AC(156) , Huperzine : CK(44) : AC(24) , Multivitamin : CK(244) : AC(22), NAC (N-acetyl-L-cysteine) : CK(275) : AC(66) , Vinpocetine : CK(11) : AC(3)
Diseases : Brain Damage : CK(85) : AC(39) , Head Injuries : CK(33) : AC(4) , Traumatic Brain Injury : CK(33) : AC(9)
Pharmacological Actions : Neurorestorative : CK(50) : AC(14)

Category : Pharmacological Actions

Analgesics (AC 1) (CK 2)

Acetyl L-carnitine exhibits pain-killing activity in an animal model of neuropathy.

Pubmed Data : Neuropharmacology. 2002 Dec;43(7):1180-7. PMID: **12504925**

Article Published Date : Dec 01, 2002

Authors : Carla Ghelardini, Nicoletta Galeotti, Menotti Calvani, Luigi Mosconi, Raffaella Nicolai, Alessandro Bartolini

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Neuropathic Pain : CK(262) : AC(27) , Pain : CK(633) : AC(102)
Pharmacological Actions : Analgesics : CK(1074) : AC(152)

Analgesics: Non-Narcotic (AC 1) (CK 2)

Acetyl-l-carnitine is an analgesic.

Pubmed Data : Mol Pharmacol.2002 May;61(5):989-96. PMID: 11961116

Article Published Date : May 01, 2002

Authors : S Chiechio, A Caricasole, E Barletta, M Storto, M V Catania, A Copani, M Vertechy, R Nicolai, M Calvani, D Melchiorri, F Nicoletti

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Pain : CK(633) : AC(102), Pain: Chronic : CK(32) : AC(4)
Pharmacological Actions : Analgesics: Non-Narcotic : CK(25) : AC(9)

Anti-HIV Agents (AC 1) (CK 10)

Acetyl L-carnitine has a therapeutic effect in the symptomatic treatment of antiretroviral toxic neuropathy in patients with HIV-1 infection.

Pubmed Data : HIV Med. 2007 May;8(4):241-50. PMID: 17461852

Article Published Date : May 01, 2007

Authors : M Youle, M Osio,

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186), Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Anti-HIV Agents : CK(108) : AC(60)

Antinoceceptive (AC 1) (CK 1)

Acetyl-l-carnitine has significant therapeutic value in the treatment of neuropathic pain.

Pubmed Data : CNS Drugs.2007;21 Suppl 1:31-8; discussion 45-6. PMID: 17696591

Article Published Date : Jan 01, 2007

Authors : Santina Chiechio, Agata Copani, Robert W Gereau, Ferdinando Nicoletti

Study Type : Review
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Neuropathic Pain : CK(262) : AC(27) , Peripheral Neuropathies : CK(454) : AC(31)
Pharmacological Actions : Antinoceceptive : CK(107) : AC(31)

Antioxidants (AC 4) (CK 8)

Acetyl-l-carnitine and resveratrol has a protective effect against chemically-induced peripheral neuropathy in rats.

Pubmed Data : Neurosci Lett. 2010 Aug 16;480(2):117-21. Epub 2010 Jun 11. PMID: 20542088

Article Published Date : Aug 16, 2010

Authors : Zbigniew K Binienda, Micheal A Beaudoin, Bobby Gough, Syed F Ali, Ashraf Virmani

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36) , Resveratrol : CK(1211) : AC(728)
Diseases : Peripheral Neuropathies : CK(454) : AC(31)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Neuroprotective Agents : CK(2127) : AC(919)
Additional Keywords : Stilbenes : CK(402) : AC(242)

Acetyl-l-carnitine has a protective effect against radiation-induced oxidative stress in rats.

Pubmed Data : Pharmacol Res. 2006 Sep;54(3):165-71. Epub 2006 May 1. PMID: 16757176

Article Published Date : Sep 01, 2006

Authors : Heba H Mansour

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Radiation Induced Illness : CK(1022) : AC(256)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Radioprotective : CK(604) : AC(226)

Acetyl-l-carnitine has anti-cataractogenic properties.

Pubmed Data : Exp Eye Res. 2006 Dec;83(6):1340-9. Epub 2006 Sep 8. PMID: 16962580

Article Published Date : Dec 01, 2006

Authors : P Geraldine, B Brijit Sneha, R Elanchezhian, E Ramesh, C M Kalavathy, J Kaliamurthy, P A Thomas

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Cataract : CK(196) : AC(61) , Oxidative Stress : CK(3609) : AC(750)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004)
Additional Keywords : Sodium Selenite : CK(39) : AC(18)

Antioxidant and gamma linolenic acid have a protective effect against nerve and vascular dysfunction in experimental diabetes.

Pubmed Data : Diabetes Res Clin Pract. 1999 Sep;45(2-3):137-46. PMID: **10588366**

Article Published Date : Sep 01, 1999

Authors : N E Cameron, M A Cotter

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36) , Alpha-Lipoic Acid : CK(388) : AC(84) , Gamma-Linoleic Acid (GLA) : CK(86) : AC(18), Vitamin E : CK(1618) : AC(283)
Diseases : Diabetes: Cardiovascular Illness : CK(690) : AC(106) , Diabetic Neuropathies : CK(193) : AC(32)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004)

Neuroprotective Agents (AC 3) (CK 14)

Acetyl-l-carnitine and R-alpha-lipoic acid partially reverses brain decay and RNA/DNA oxidation associated with memory loss in rats.

Pubmed Data : Proc Natl Acad Sci U S A.2002 Feb 19;99(4):2356-61. PMID: **11854529**

Article Published Date : Feb 19, 2002

Authors : Jiankang Liu, Elizabeth Head, Afshin M Gharib, Wenjun Yuan, Russell T Ingersoll, Tory M Hagen, Carl W Cotman, Bruce N Ames

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36) , Alpha-Lipoic Acid : CK(388) : AC(84)

Diseases : Aging: Brain : CK(206) : AC(75), DNA damage : CK(931) : AC(304) , Memory Disorders : CK(303) : AC(68), Memory Loss : CK(143) : AC(35)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Acetyl-l-carnitine and resveratrol has a protective effect against chemically-induced peripheral neuropathy in rats.

Pubmed Data : Neurosci Lett. 2010 Aug 16;480(2):117-21. Epub 2010 Jun 11. PMID: **20542088**

Article Published Date : Aug 16, 2010

Authors : Zbigniew K Binienda, Micheal A Beaudoin, Bobby Gough, Syed F Ali, Ashraf Virmani

Study Type : Animal Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Resveratrol : CK(1211) : AC(728)
Diseases : Peripheral Neuropathies : CK(454) : AC(31)
Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Neuroprotective Agents : CK(2127) : AC(919)
Additional Keywords : Stilbenes : CK(402) : AC(242)

Acetyl-l-carnitine has a neuroprotective effect against chemotherapy-induced allodynia.

Pubmed Data : In Vivo. 2005 May-Jun;19(3):631-7. PMID: **15875786**

Article Published Date : May 01, 2005

Authors : Orlando Ghirardi, Mario Vertechy, Loredana Vesci, Annalisa Canta, Gabriella Nicolini, Stefania Galbiati, Cristina Ciogli, Gianni Quattrini, Claudio Pisano, Sante Cundari, Laura Maria Rigamonti

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : Allodynia : CK(16) : AC(4) , Chemotherapy-Induced Toxicity: Peripheral Neuropathy : CK(250) : AC(5)
Pharmacological Actions : Neuroprotective Agents : CK(2127) : AC(919)

Neurorestorative (AC 1) (CK 10)

A nutrient combination improves cognitive function in head injuried former NFL players.

Pubmed Data : J Psychoactive Drugs. 2011 Jan-Mar;43(1):1-5. PMID: 21615001

Article Published Date : Jan 01, 2011

Authors : Daniel G Amen, Joseph C Wu, Derek Taylor, Kristen Willeumier

Study Type : Human Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84), Fish Oil : CK(627) : AC(97), Ginkgo biloba : CK(786) : AC(156), Huperzine : CK(44) : AC(24), Multivitamin : CK(244) : AC(22), NAC (N-acetyl-L-cysteine) : CK(275) : AC(66), Vinpocetine : CK(11) : AC(3)

Diseases : Brain Damage : CK(85) : AC(39), Head Injuries : CK(33) : AC(4), Traumatic Brain Injury : CK(33) : AC(9)

Pharmacological Actions : Neurorestorative : CK(50) : AC(14)

Radioprotective (AC 1) (CK 2)

Acetyl-l-carnitine has a protective effect against radiation-induced oxidative stress in rats.

Pubmed Data : Pharmacol Res. 2006 Sep;54(3):165-71. Epub 2006 May 1. PMID: 16757176

Article Published Date : Sep 01, 2006

Authors : Heba H Mansour

Study Type : Animal Study

Additional Links

Substances : Acetyl-l-carnitine : CK(211) : AC(36)

Diseases : Radiation Induced Illness : CK(1022) : AC(256)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004), Radioprotective : CK(604) : AC(226)

Reverse Transcriptase Inhibitors (AC 2) (CK 20)

Acetyl L-carnitine treatment improves symptoms and causes peripheral nerve regeneration in HIV-associated anteretroviral toxic neuropathy.

Pubmed Data : AIDS. 2004 Jul 23;18(11):1549-60. PMID: **15238773**

Article Published Date : Jul 23, 2004

Authors : Andrew M Hart, Andrew D H Wilson, Cristina Montovani, Colette Smith, Margaret Johnson, Giorgio Terenghi, Mike Youle

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Acetyl-L-carnitine has a positive long-term effect in the treatment of antiretroviral toxic neuropathy.

Pubmed Data : HIV Clin Trials. 2005 Nov-Dec;6(6):344-50. PMID: **16566084**

Article Published Date : Nov 01, 2005

Authors : Christian Herzmann, Margaret A Johnson, Mike Youle

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36)
Diseases : HIV Drug-Induced Toxicity : CK(68) : AC(13), HIV Infections : CK(609) : AC(186) , Neuropathic Pain : CK(262) : AC(27)
Pharmacological Actions : Reverse Transcriptase Inhibitors : CK(41) : AC(23)

Vasodilator Agents (AC 1) (CK 10)

Alpha-Lipoic acid and acetyl-L-carnitine appear to improve vascular function and blood pressure in patients with coronary artery disease.

Pubmed Data : J Clin Hypertens (Greenwich). 2007 Apr;9(4):249-55. PMID: **17396066**

Article Published Date : Apr 01, 2007

Authors : Craig J McMackin, Michael E Widlansky, Naomi M Hamburg, Alex L Huang, Susan Weller, Monika Holbrook, Noyan Gokce, Tory M Hagen, John F Keaney, Joseph A Vita

Study Type : Human Study
Additional Links
Substances : Acetyl-l-carnitine : CK(211) : AC(36), Alpha-Lipoic Acid : CK(388) : AC(84) , B-complex : CK(248) : AC(29)

Diseases : Coronary Artery Disease : CK(1367) : AC(137) , Endothelial Dysfunction : CK(1079) : AC(181)
Pharmacological Actions : Vasodilator Agents : CK(262) : AC(54)