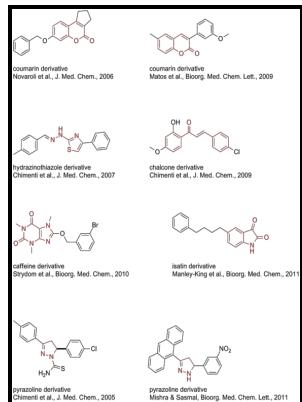


Inhibitors of monoamine oxidase B - pharmacology and clinical use in neurodegenerative disorders

Birkhäuser - Lead optimization for promising monoamine oxidase inhibitor from eugenol for the treatment of neurological disorder: synthesis and in silico based study

Description: -



Nervous System Diseases -- drug therapy.

Nerve Degeneration -- drug effects.

Monoamine Oxidase Inhibitors -- therapeutic use.

Monoamine Oxidase Inhibitors -- pharmacology.

Parkinsons disease -- Chemotherapy.

Selegiline.

Monoamine oxidase -- Inhibitors -- therapeutic use.

Nervous system -- Degeneration -- Chemotherapy. Inhibitors of monoamine oxidase B - pharmacology and clinical use in neurodegenerative disorders

Milestones in drug therapyInhibitors of monoamine oxidase B - pharmacology and clinical use in neurodegenerative disorders

Notes: Includes bibliographical references and index.

This edition was published in 1993



Filesize: 18.76 MB

Tags: #List #of #MAO #inhibitors ## #Uses #& #Side #Effects

Monoamine Oxidase B Inhibitor

Importantly, this off-target effect may contribute to the beneficial effects of pioglitazone in diabetic cardiomyopathy. Correspondence Richard B Dewey, Jr, MD, UT Southwestern Medical Center, 5323 Harry Hines Blvd, J3134 E, Dallas, TX 75390-9036. In: Kamijo K, Usdin E, Nagatsu T eds Monoamine oxidase.

Why We Should Be Interested In Natural MAO Inhibitors

Thus, MAO inhibitors may be considered as promising therapeutic agents for AD. XO inhibitors Xanthine oxidoreductase XOR , a 300-kDa homodimer, can exist as an NAD-dependent dehydrogenase XD or as an O 2-dependent oxidase XO , depending on the oxidation state of its cysteine thiols. Pharmaceutical medications like serotonin reuptake inhibitors SSRIs are most commonly used to prevent the reuptake of serotonin into the neuron.

Monoamine oxidase inhibitor

These studies generated considerable interest and debate. With MAOs, this can be further optimized by inhibiting the extracellular breakdown of serotonin as well as its re-uptake.

Monoamine oxidase inhibitors: Promising therapeutic agents for Alzheimer's disease (Review)

MAO inhibitory compounds block the effects of this enzyme, allowing monoamine-based neurotransmitters to exert their effects longer. Br J Pharmacol 157: 781—795, 2009.

selegiline [TUSOM]

In case of compound 13b the 4-hydroxybenzoate linkage with eugenol enhanced the hMAO-B inhibition.

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