R(-)-Deprenyl . HCl

Anti-apoptotic and neuroprotective

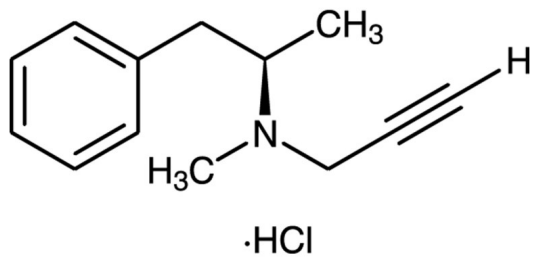
Deprenyl inhibits apoptosis and displays neuroprotective effects in a variety of *in vitro* and *in vivo* systems. *In vivo* it rescues nigral dopaminergic neurons after systemic MPTP treatment. *In vitro* it rescues PC12 cells from apoptotic cell death induced by trophic withdrawal. The putative target responsible for the anti-apoptotic effects is glyceraldehyde-3-phosphate dehydrogenase. Deprenyl also inhibits monoamine oxidase-B, which is not involved in its anti-apoptotic mechanism. Parkinson's disease therapeutic.

Citations: 4 View Online »

Ordering Information Order Online »

BML-EI240-0100	100mg

Manuals, SDS & CofA View Online »



·HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Selegiline hydrochloride
Appearance	White solid.
CAS	14611-52-0
Couple Target	GAPDH, Monoamine oxidase
Couple Type	Inhibitor
Formula	$C_{13}H_{17}N$. HCl
MW	223.7
Purity	≥98% (HPLC)
Solubility	Soluble in water.

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