

Tolcapone

Catalog No: tcsc1173



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

134308-13-7

Formula:

$C_{14}H_{11}NO_5$

Pathway:

Neuronal Signaling;Metabolic Enzyme/Protease

Target:

COMT;COMT

Purity / Grade:

>98%

Solubility:

DMSO : 100 mg/mL (365.98 mM; Need ultrasonic)

Alternative Names:

Ro 40-7592

Observed Molecular Weight:

273.24

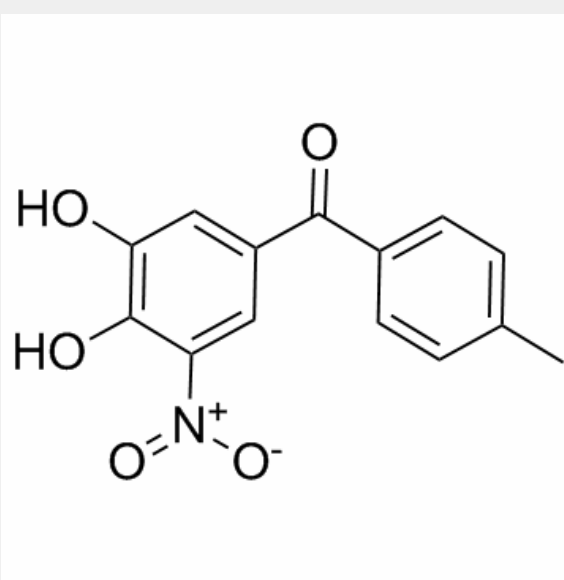
Product Description

Tolcapone(Ro 40-7592) is an orally active selective, potent catechol-O-methyltransferase (COMT) inhibitor.

IC50 value:

Target: COMT

Tolcapone inhibits both central and peripheral COMT. Tolcapone caused a rapid and reversible inhibition of COMT activity in erythrocytes in parallel with a dose-dependent decrease in the formation of 3-OMD. Tolcapone increased the area under the concentration-time curve and elimination half-life of levodopa. Tolcapone crosses the blood-brain barrier, and has been used for L-DOPA adjunct therapy in the treatment of Parkinson's disease.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!