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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Tolcapone

COMT inhibitor
Catalog No. SIH-540



Discovery through partnership | Excellence through quality

Overview

Product Name

Tolcapone

Description

COMT inhibitor

Purity

>98% (TLC); NMR (Conforms)

CAS No.

134308-13-7

Molecular Formula

C11H11NO1

Molecular Weight

273.2

Properties

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Product Type

Inhibitor

Solubility

Soluble in DMSO (25 mg/ml), or ethanol (25 mg/ml)

Source

Synthetic

Appearance

Yellow powder

SMILES

Cc1ccc(cc1)C(=O)c2cc(O)c(O)c(c2)[N+](=[O-])=O

InChI

1S/C14H11NO5/c1-8-2-4-9(5-3-8)13(17)10-6-11(15(19)20)14(18)12(16)7-10/h2-7,16,18H,1H3

InChIKey

MIQPIUSUKVNLNT-UHFFFAOYSA-N

Safety Phrases

Classification:
Not WHMIS controlled

Hazard statement(s):
H303 - May be harmful if swallowed.
H400 - Very toxic to aquatic life.

Precautionary statement(s)
P273 Avoid release to the environment.

Cite This Product

Tolcapone (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-540)

Biological Description

Alternative Names

(3,4-dihydroxy-5-nitrophenyl)-(4-methylphenyl)methanone, Tolcapone, Tasmar, Ro 40-7592

Research Areas

Neurodegeneration, Neuroscience, Parkinsons Disease

PubChem ID

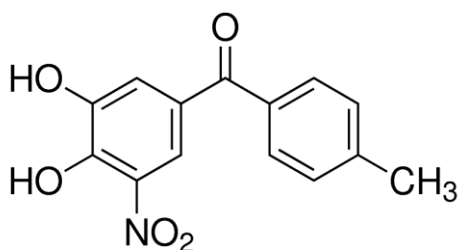
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Scientific Background

Tolcapone is a COMT inhibitor. It inhibits both central and peripheral nervous system catechol-O-methyltransferase (COMT).

Product Images

Chemical structure of Tolcapone (SIH-540), a COMT inhibitor. CAS #: 134308-13-7.
Molecular Formula: C₁₄H₁₁NO₅. Molecular Weight: 273.2 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.