

Salsolidine

Catalog No: tcsc0042225



Available Sizes

Size: 25mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

5784-74-7

Formula:

$C_{12}H_{17}NO_2$

Pathway:

Neuronal Signaling

Target:

Monoamine Oxidase

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

6,7-Dimethoxy-1-methyl-1,2,3,4-tetrahydroisoquinoline

Observed Molecular Weight:

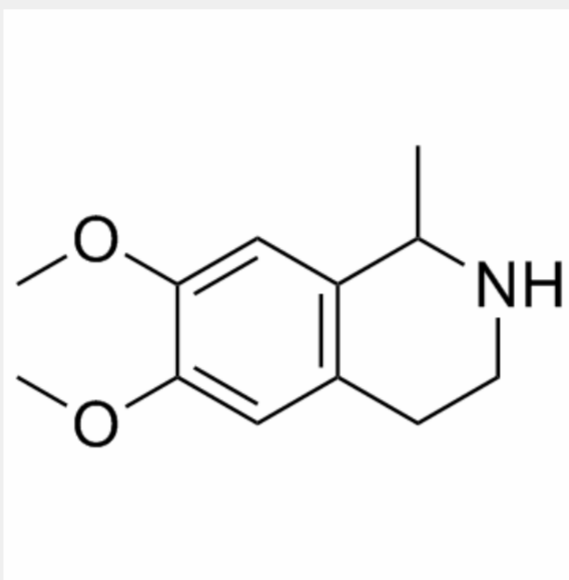
207.27

Product Description

Salsolidine is a tetrahydroisoquinoline alkaloid, acts as a stereoselective competitive **MAO A** inhibitor.

IC50 & Target: MAO A^[1]

In Vitro: Salsolidine is a tetrahydroisoquinoline alkaloid, acts as a stereoselective competitive MAO A inhibitor. The R-salsolidine is more active against MAO A than S-salsolidine (K_i, 6 μM and 186 μM)^[1]. Salsolidine weakly inhibits the binding of δ-receptor, with a K_i of >100 μM^[2]. Salsolidine has the potential of inhibiting Acetylcholinesterase and butyrylcholinesterase^[3].



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