

# 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:**

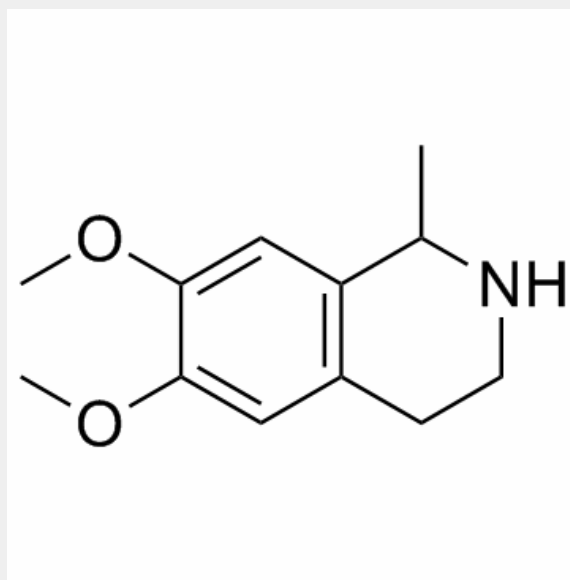
207.27

## Product Description

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

IC50 & Target: MAO A<sup>[1]</sup>

***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  $\mu\text{M}$  and 186  $\mu\text{M}$ )<sup>[1]</sup>. Salsolidine weakly inhibits the binding of  $\delta$ -receptor, with a  $K_i$  of >100  $\mu\text{M}$ <sup>[2]</sup>. Salsolidine has the potential of inhibiting Acetylcholinesterase and butyrylcholinesterase<sup>[3]</sup>.



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