

Tetrahydroberberine

Catalog No: tcsc4253



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

522-97-4

Formula:

$C_{20}H_{21}NO_4$

Pathway:

GPCR/G Protein; Neuronal Signaling

Target:

Dopamine Receptor; Dopamine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Canadine

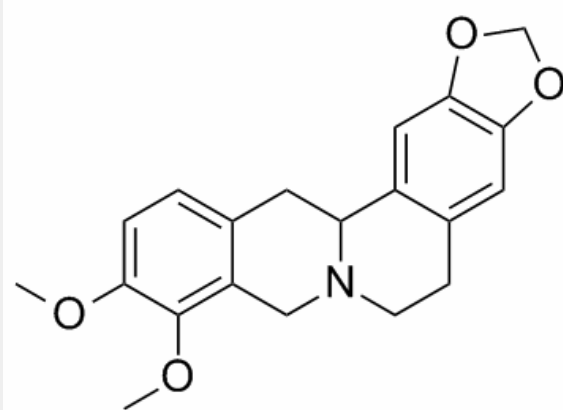
Observed Molecular Weight:

339.39

Product Description

Tetrahydroberberine is an isoquinoline alkaloid isolated from corydalis tuber; has micromolar affinity for dopamine D(2) (pK(i) = 6.08) and 5-HT(1A) (pK(i) = 5.38) receptors but moderate to no affinity for other relevant serotonin receptors (5-HT(1B), 5-HT(1D), 5-

HT(3), and 5-HT(4); pK(i)



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