

L-Stepholidine

Catalog No: tcsc1253



Available Sizes

Size: 1mg

Size: 5mg



Specifications

CAS No:

16562-13-3

Formula:

$C_{19}H_{21}NO_4$

Pathway:

GPCR/G Protein;Neuronal Signaling

Target:

Dopamine Receptor;Dopamine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Stepholidine;(-)-Stepholidine;L-SPD

Observed Molecular Weight:

327.37

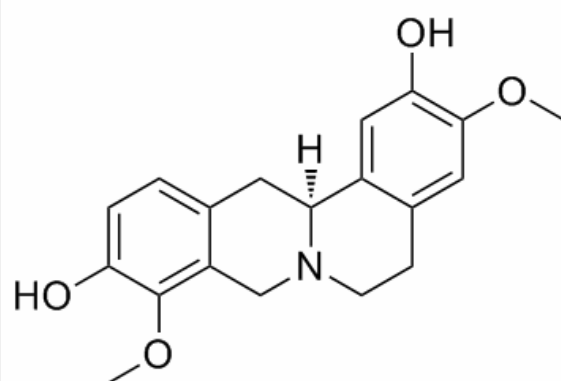
Product Description

L-Stepholidine(Stepholidine) is a naturally occurring chemical compound found in the herb Stephania intermedia; L-Stepholidine is a dual D2 receptor antagonist and D1 receptor agonist.

IC50 value:

Target: D2/D1 receptor

L-Stepholidine is used for preventing or treating neural diseases. The neural diseases comprise parkinsonism, schizophrenia and dyskinesia which is produced by L-DOPA or medicine to treat schizophrenia. L-Stepholidine has shown antipsychotic activity in animal studies.



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