L-Stepholidine

Cat. No. *ALK-0233*

Lot. No. (See product label)

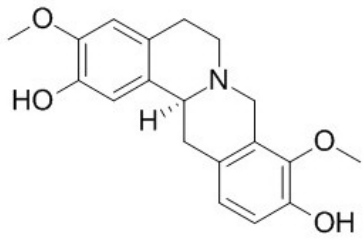
Product Name
L-Stepholidine

CAS No.
16562-13-3

Synonyms
Stepholidine; (-)-Stepholidine; L-SPD

Description
L-Stepholidine (Stepholidine) exhibits mixed dopamine D1 receptor agonist and D2 antagonist properties. L-Stepholidine has neuroprotective effect and inhibits Heroin-induced reinstatement. L-Stepholidine is a potential medication for the research of opiate addiction.

Structural Formula



MW
327.37

MF
C19H21NO4

Purity
0.9979

Appearance
Solid

Solubility
DMSO : 100 mg/mL(305.46 mM;ultrasonic and warming and heat to 60°C)

Source
Plants >Menispermaceae > Stephania intermedia

Shipping
Room temperature in continental US; may vary elsewhere.

SMILES
OC1=C(OC)C=C(CCN2CC3=C(OC)C(O)=CC=C3C[C@]24[H])C4=C1

Storage
4℃, protect from light

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-356-5138 Fax: 1-631-910-2166
E-mail: info@lifeasible.com
https://www.lifeasible.com