



Formula: C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>

MW: 234.38

CAS: 90-39-1, 446-95-7

TNP NUMBER: TNP00545

MDL NUMBER: MFCD00869353

IUPAC: (10S,1R,2R,9R)-7,15-diazatetracyclo[7.7.1.0.0]heptadecane

Smiles: C1CN2C[C@@H]3[C@@H]4CCCCN4C[CH]([C@H]2CC1)C3

Oil

In yellow black lupin beans

THERAPEUTIC CATEGORY: Oxytotic

REFERENCE: Merk Index, 12th Ed., 8887

ACCEPTORS: 0

DONORS: 0

ROTATION BONDS: 0

N+O: 2

Chiral Centers: 4

LogP: 3.6

LogS: -4.27

LIPINSKI: 4

Synonyms: LUPINIDINE;(-)-LUPINIDINE SULFATE PENTAHYDRATE;LUPINIDINE SULFATE PENTAHYDRATE;(-)-SPARTEINE SULFATE PENTAHYDRATE;SPARTEINE SULFATE PENTAHYDRATE;(-)-SPARTEINE SULFATE SALT PENTAHYDRATE;SPARTEINE SULFATE, CRYSTALLIZED;(-)-Sparteine sulfate pentahydrate

CAS:6160-12-9

MF:C15H38N2O9S

MW:422.54

EINECS:206-078-4

Product Categories:Alkaloids;Alkaloids (Others);Biochemistry (-)-Sparteine sulfate pentahydrate

Chemical Properties: mp 133-140 C(lit.) alpha -28 (589nm, c=2, H2O 25 C) refractive index -22 (C=5, H2O) storage temp. 2-8C solubility H2O: 0.1 g/mL, clear, colorless Merck 8737 Xn Risk Statements 22-20/21/22 Safety Statements 36-24/25 WGK Germany 3 RTECS WG6430000 (-)-Sparteine sulfate pentahydrate

Usage And Synthesis:

Chemical Properties: white fine crystalline powder (-)-Sparteine sulfate pentahydrate

