

Isatidine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isatidine

Catalog No.: CFN00408

Cas No.: 15503-86-3

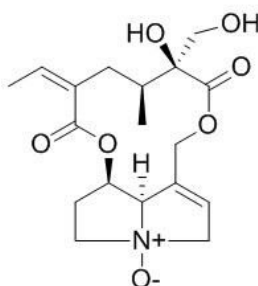
Purity: > 95%

M.F: C₁₈H₂₅NO₇

M.W: 367.40

Physical Description: Powder

Synonyms: Retrorsine-n-oxide;12,18-Dihydroxy-11,16-dioxoseneccionane 4-oxide.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

No data available.

[Biological Activity or Inhibitors]

Isatidine shows in vitro genotoxicity in Hep G2/SCGE assays.^[1]

Isatidine and sceleratine slightly raise blood pressure in cats following intravenous injection, and stimulate isolated guinea pigs' uteri.^[2]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]

No data available.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Uhl M, Helma C, Knasmüller S. *Mutation Research/genetic Toxicology & Environmental Mutagenesis*, 2000, 468(2):213-25.

[2] Harris P N, Anderson R C, Chen K K. *J.Pharmacol. Exp.Th.*, 1942, 75 (1) 83-8.

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