

Sparteine sulfate pentahydrate Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Sparteine sulfate pentahydrate

Catalog No.: CFN99777

Cas No.: 299-39-8

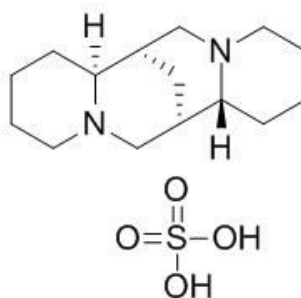
Purity: >=98%

M.F: C₁₅H₂₈N₂O₄S

M.W: 332.46

Physical Description: White powder

Synonyms: Siarczansparteiny.



[Intended Use]

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

[Source]

The herbs of *Parochetus communis*.

[Biological Activity or Inhibitors]

Sparteine sulfate pentahydrate may have analgesia effects.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: n-Propano-Hexane=15:85;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 320 nm.

[Storage]

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

[References]

[1] Vela Hernández J M, Zamanillo Castanedo D, Puig-Riera De C M. *EP* 2 353 598 A, 2011.

[2] Germain A R, Bruggemeyer D M, Zhu J, *et al.* *J.Org. Chem.* 2011, 76(8):2577-84.

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