

Calyxamine B Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Calyxamine B

Catalog No.: CFN99627

Cas No.: 150710-72-8

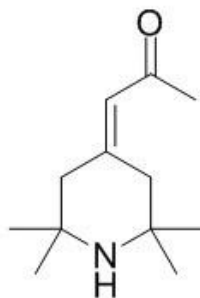
Purity: > 95%

M.F: C₁₂H₂₁NO

M.W: 195.3

Physical Description: Powder

Synonyms: 1-(2,2,6,6-Tetramethyl-4-piperidinylidene)acetone.



[Intended Use]

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

[Source]

The herbs of *Salsola tetrandra*.

[Biological Activity or Inhibitors]

Calyxamine B has inhibitory activity on acetylcholinesterase, the effect is comparable to

the natural inhibitors.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile -H₂O-Trifluoroacetic acid,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 231 nm.

[Storage]

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

[References]

[1] Meza-León R L, Dávila-García A, Sartillo-Piscil F, *et al. Tetrahedron Lett.*, 2013, 54 (50):6852-4.

[2] Rodríguez A D, Cobar O M, Padilla O L, *et al. J. Nat. Prod.*, 1997, 60(12):1331-3.

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