

6-beta-Hydroxyhyoscyamine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 6-beta-Hydroxyhyoscyamine

Catalog No.: CFN00198

Cas No.: 55869-99-3

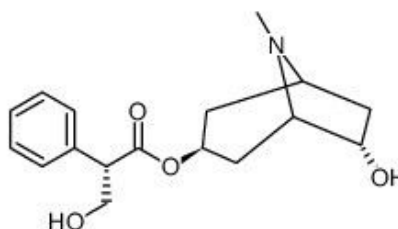
Purity: >=98%

M.F: C₁₇H₂₃NO₄

M.W: 305.37

Physical Description: Powder

Synonyms: Anisodamine; (αS)-α-(Hydroxymethyl)benzeneacetic-acid(1R,5R)-6β-hydroxy-8-methyl-8-azabicyclo[3.2.1]oct-3α-yl ester.



[Intended Use]

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

[Source]

The roots of *Anisodus tanguticus*.

[Biological Activity or Inhibitors]

6-beta-Hydroxyhyoscyamine is the scopolamine precursor.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 5 mM SDS(pH 3.5)=40:60 ;

Flow rate: 1.1 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 204 nm.

[Storage]

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

[References]

[1] Subroto M A, Kwok K H, Hamill J D, *et al. Biotechnol. Bioeng.*, 1996, 49(5):481-94.

[2] Pramod K K, Singh S, Jayabaskaran C. *Plant Physiol. Biochem. Ppb*, 2010, 48(12): 966-70.

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