

Dehydrocrenatidine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Dehydrocrenatidine

Catalog No.: CFN97116

Cas No.: 65236-62-6

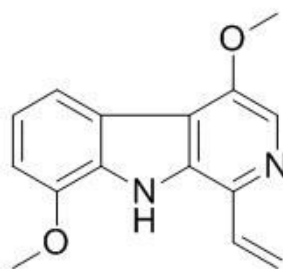
Purity: > 95%

M.F: C₁₅H₁₄N₂O₂

M.W: 254.3

Physical Description: Yellow powder

Synonyms:



[Intended Use]

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

[Source]

The barks of *Picrasma quassioides*.

[Biological Activity or Inhibitors]

Dehydrocrenatidine is a Janus kinase (JAK)-specific inhibitor, it can inhibit JAKs-JH1

domain overexpression-induced STAT3 and STAT1 phosphorylation and inhibit JAK2-JH1 kinase activity in vitro.^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Zhang J, Zhu N, Du Y, *et al. Mol. Pharmacol.*, 2015, 87(4):572-81.

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