

Coptisine sulfate Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Coptisine sulfate

Catalog No.: CFN90140

Cas No.: 1198398-71-8

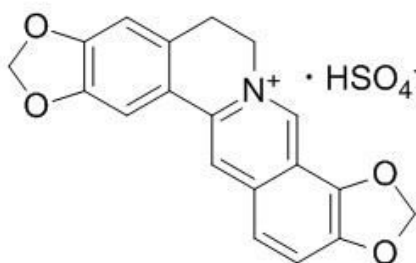
Purity: >=98%

M.F: C₁₉H₁₄NO₄.HO₄S

M.W: 417.39

Physical Description: Powder

Synonyms: 6,7-Dihydro-bis[1,3]benzodioxolo[5,6-a:4',5'-g]quinolizinium sulfate.



CYP2D6(*)1 and CYP2D6(*)10 are very close, suggesting that genotype-dependent herb-drug inhibition is similar between the two variants.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: 1.5 mM Sodium dodecyl sulfate (adjusted pH to 5.0 with phosphoric acid)-Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 237 nm.

[Storage]

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

[References]

[1] Qu Q, Qu J, Han L, *et al. Acta Pharmacol. Sin.* , 2014, 35(5):685-96.

[2] Yan D, Liao Q, Xiao X, *et al. Chinese Journal of Pharmaceutical Analysis*, 2008, 28(10):1626-9.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com