

Diosimin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Diosimin

Catalog No.: CFN98145

Cas No.: 520-27-4

Purity: >=98%

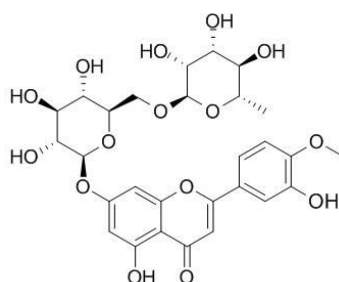
M.F: C₂₈H₃₂O₁₅

M.W: 608.54

Physical Description: Yellow powder

Synonyms: Diosmetin-7-iosmetin-7-O-rutinoside; Barosmin;

3',5,7-Trihydroxy-4'-methoxyflavone 7-rutinoside.



[Intended Use]

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

[Source]

The herbs of *Scrophularia nodosa*.

[Biological Activity or Inhibitors]

With the use of micconized diosmin,the safety and effect of low dosage urokinase in the treatment of venous thrombosis can be achieved.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: H2O-Methanol-Glacial acetic acid-Acetonitrile=66: 28: 6: 2;

Flow rate: 0.7 ml/min;

Column temperature: 40 °C;

The wave length of determination: 275 nm.

[Storage]

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

[References]

[1] Sun X G. *Contemporary Medicine*, 2010, 16(35):658-9.

[2] Zhao Z, Tang S F. *Chinese Pharmacies*, 2013 (29): 2773-6.

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