

Typhaneoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Typhaneoside

Catalog No.: CFN98146

Cas No.: 104472-68-6

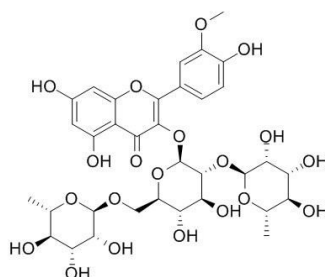
Purity: >=98%

M.F: C₃₄H₄₂O₂₀

M.W: 770.69

Physical Description: Yellow powder

Synonyms: 3-((O-6-Deoxy-α-L-mannopyranosyl-(1-2)-O-(6-deoxy-α-L-mannopyranosyl-(1-6))-β-D-glucopyranosyl)oxy)-5,7-dihydroxy-2-(4-hydroxy-3-methoxyphenyl)-4H-1-benzopyran-4-one; Isorhamnetin 3-O-(2'',6''-di-O-α-L-rhamnopyranosyl)-β-D-glucopyranoside.



[Intended Use]

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

[Source]

The herbs of *Typha orientalis* Presl.

[Biological Activity or Inhibitors]

Typhaneoside has an inhibitory effect on the proliferation of human umbilical arterial smooth muscle cells(HUASMC) with a wide range of effective dose but the effect is started slowly.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile - 0.5% Acetic acid-Methanol,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 248 nm.

[Storage]

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

[References]

[1] Guo S Z, Liu B, Wang W. *Journal of Beijing University of Traditional Chinese Medicine*, 2006, 29(5):307-10.

[2] Fu D X Cheng X W, Wei W, *et al. Chinese Journal of Pharmaceuticals*, 2004, 35(6):360-1.

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