

Globularin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Globularin

Catalog No.: CFN99451

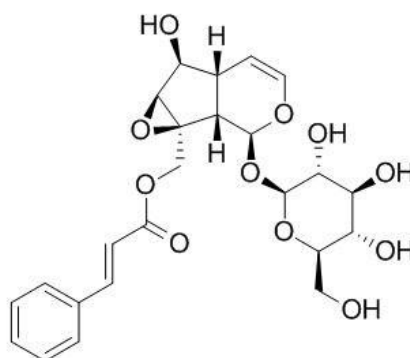
Cas No.: 1399-49-1

Purity: > 95%

M.F: C₂₄H₂₈O₁₁

M.W: 492.5

Physical Description: Powder



Synonyms: b-D-Glucopyranoside, (1aS, 1bS, 2S, 5aR, 6S, 6aS)-1a, 1b, 2, 5a, 6, 6a-hexahydro-6-hydroxy-1a-[[[(2E)-1-oxo-3-phenyl-2-propen-1-yl]oxy]methyl]oxireno[4,5]cyclopenta[1,2-c]pyran-2-yl.

[Intended Use]

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

[Source]

The herbs of *Globularia alypum*.

[Biological Activity or Inhibitors]

Globularin has hypoglycaemic and hypolipidemic activities in normal and streptozotocin-induced diabetic rats.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Methanol -Ethyl acetat,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Merghache S, Zerriouh M, Merghache D, *et al. J. Appl. Pharm.Sci., 2013,03(4):001-7.*

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