

Ethyl glucoside Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Ethyl glucoside

Catalog No.: CFN98407

Cas No.: 3198-49-0

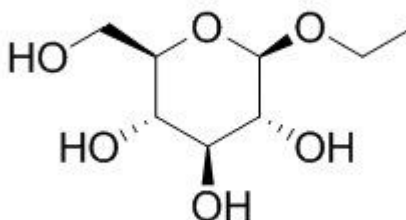
Purity: > 95%

M.F: C₈H₁₆O₆

M.W: 208.2

Physical Description: Powder

Synonyms: beta-D-Glucopyranoside, ethyl; (3R,4S,5S,6R)-2-Ethoxy-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol.



[Intended Use]

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

[Source]

The herbs of *Sarcandra glabra*.

[Biological Activity or Inhibitors]

Ethyl glucoside is a shale inhibitor for water base drilling fluids.^[1]

Ethyl glucoside is a multifunctional initiator for enzyme-catalyzed regioselective lactone ring-opening polymerization.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Zhao S L, Xiao C, Song M Q. *Oilfield Chemistry*, 2004,21(3):202-4.

[2] Kirpal S. Bisht, Fang Deng, Richard A. Gross, *et al. Journal of the American Chemical Society*, 1998, 120(7):1363-7.

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