

Estriol 3-glucuronide Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Estriol 3-glucuronide

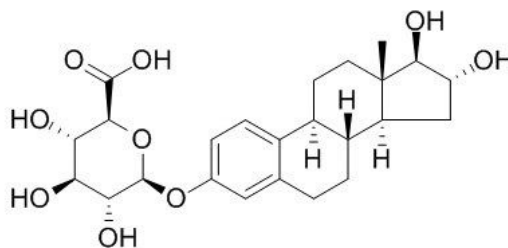
Catalog No.: CFN90083

Cas No.: 2479-91-6

Purity: >=98%

M.F: C₂₄H₃₂O₉

M.W: 464.5



Physical Description: Powder

Synonyms: (8xi,9xi,14xi,16alpha,17beta)-16,17-dihydroxyestra-1,3,5(10)-trien-3-yl
beta-D-glucopyranosiduronic acid.

[Intended Use]

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

[Source]

From human pregnancy urine.

[Biological Activity or Inhibitors]

Estradiol-3-glucuronide, estradiol-17beta-glucuronide, estriol-3-glucuronide , estrone glucuronide, estriol-16alpha-glucuronide, and pregnanediol-3alpha-glucuronide are immunoreactive metabolites of the major urinary estrogens, they have used to ovulation detection methods.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 445/367nm.

[Storage]

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

[References]

[1] Stanczyk F Z, Miyakawa I, Goebelsmann U. *Am. J. Obstet. Gynecol.* ,1980 ,137(4): 443-50.

[2] Iwata T, Hirose T, Yamaguchi M. *J.Chromatogr. B Biomed. Sci. Appl.*, 1997, 695(2): 201-7.

[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