

## Estriol 3-sulfate Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** Estriol 3-sulfate

**Catalog No.:** CFN90080

**Cas No.:** 481-95-8

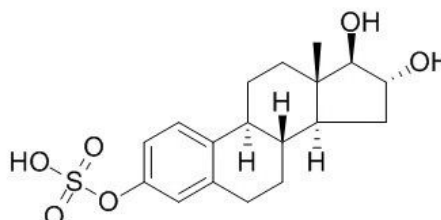
**Purity:** >=98%

**M.F:** C<sub>18</sub>H<sub>24</sub>O<sub>6</sub>S

**M.W:** 368.5

**Physical Description:** Powder

**Synonyms:** (16alpha,17beta)-16,17-Dihydroxyestra-1,3,5(10)-trien-3-yl hydrogen sulfate.



### [ Intended Use ]

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

### [ Source ]

*From human breast cyst fluid.*

### [ Biological Activity or Inhibitors ]

Estriol-3-sulfate can play a role in the control of the estrogenic activity of estriol.<sup>[1]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: Methanol -H<sub>2</sub>O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

The wave length of determination: 230 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Pasqualini J R, Gelly C, Lecerf F. *Eur. J. Cancer Clin. Oncol.*, 1986 ,22(12):1495-501.

[2] Torres N H. *IOSR Journal of Engineering*, 2012, 2(5): 984-9.

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