

## Rosamultic acid Datasheet

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

### [ Product Information ]

**Name:** Rosamultic acid

**Catalog No.:** CFN92608

**Cas No.:** 214285-76-4

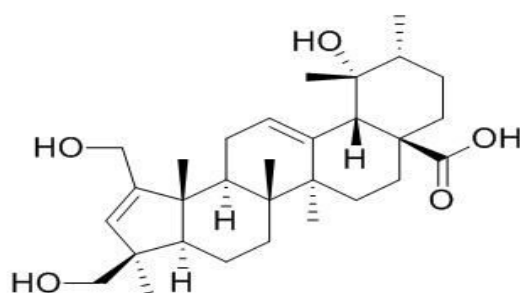
**Purity:** > 95%

**M.F:** C<sub>30</sub>H<sub>46</sub>O<sub>5</sub>

**M.W:** 486.7

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The roots of *Sanguisorba officinalis* L.

### [ Biological Activity or Inhibitors ]

Rosamultic acid inhibits gastric cancer proliferation by inducing apoptosis mediated

through cell cycle arrest, downregulation of cell cycle related protein expressions, inhibition of cell migration, DNA damage, and activation of caspases.<sup>[1]</sup>

Rosamultic acid has alpha-glucosidase inhibitory activity.<sup>[2]</sup>

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

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

## **[ References ]**

[1] Sui C G, Meng F D, Li Y, *et al. Phytomedicine.*,2015 Aug 15;22(9):796-806.

[2] Kumar D, Ghosh R, Pal B C. *Journal of Functional Foods*, 2013, 5(3):1135-41.

## **[ Contact ]**

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