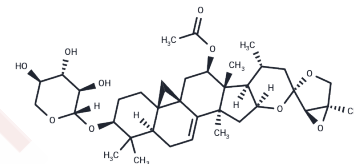


26-Deoxycimicifugoside

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 214146-75-5 |
| Formula: | C ₃₇ H ₅₄ O ₁₀ |
| Molecular Weight: | 658.829 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|---|
| Description | 26-Deoxycimicifugoside is a natural product from Cimicifuga foetida L. |
| Targets(IC50) | Others |
| In vitro | Fifteen cycloartane saponins(1-15)were isolated from EtOAc fraction of EtOH extracts of the C.foetidarhizoma using silicon chromatography methods.And comparison their spectroscopic data with those of literatures allowed these compounds to be identified as 25-anhydrocimigenol-3-O-β-D-xylopyranoside(1),25-O-acetyl-cimigenol-3-O-β-D-xylopyranoside(2),25-O-acetyl-7,8-didehydrocimigenol-3-O-β-D-xylopyranoside(3),25-O-acetyl-cimigenol-3-O-α-L-arabinopyranoside(4),asiaticoside A(5),asiaticoside B(6), isocimipodocarpaside(7),cimicidanol(8),26-Deoxyactein(9),cimigenol-3-O-β-D-xylopyranoside(10),24-O-acetylisodahurinol-3-O-β-D-xylopyranoside(11),23-O-acetylshengmanol-3-O-β-D-xylopyranoside(12),26-Deoxycimicifugoside(13), cimicifugoside H-1(14),and cimicifugoside H-2(15). |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.5178 mL | 7.5892 mL | 15.1784 mL |
| 5 mM | 0.3036 mL | 1.5178 mL | 3.0357 mL |
| 10 mM | 0.1518 mL | 0.7589 mL | 1.5178 mL |
| 50 mM | 0.0304 mL | 0.1518 mL | 0.3036 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Cycloartane Triterpenoid Saponins from *Cimicifuga foetida* and Their Cytotoxic Activity *Periodical of Ocean University of China*, 2014 , 44 (11) :74-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481