

Jujuboside D

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 194851-84-8 |
| Formula: | C ₅₈ H ₉₄ O ₂₆ |
| Molecular Weight: | 1207.35 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

Biological Description

| | |
|----------------------------|---|
| Description | Jujuboside D shows lipoxygenase-inhibiting activity. |
| Targets(IC ₅₀) | others: None |
| In vitro | Two new dammarane-type saponins Jujuboside D and E, together with three known compounds, were isolated from the seeds of Ziziphus jujube. Their structures were elucidated on the basis of chemical and spectroscopic evidence. |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|----------|----------|
| 1 mM | 0.828 mL | 4.141 mL | 8.283 mL |
| 5 mM | 0.166 mL | 0.828 mL | 1.657 mL |
| 10 mM | 0.083 mL | 0.414 mL | 0.828 mL |
| 50 mM | 0.017 mL | 0.083 mL | 0.166 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Dammarane-type saponins from Ziziphus jujube. J Asian Nat Prod Res. 2014;16(2):200-5.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481