Overview

**Product name**
Geniposidic acid, anti-inflammatory and anticancer agent

**Description**
Anti-inflammatory and anticancer agent

**Biological description**

**Purity**
> 99%

**CAS Number**
27741-01-1

**Chemical structure**

![Chemical structure of Geniposidic acid](image)

**Chemical name**
(1S,4aS,7aS)-1-(β-D-Glucopyranosyloxy)-7-(hydroxymethyl)-1,4a,5,7a-tetrahydrocyclopenta[c]pyran-4-carboxylic acid

**Molecular weight**
374.34

**Molecular formula**
C_{16}H_{22}O_{10}

**PubChem identifier**
443354

**Storage instructions**
Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

**Solubility overview**
Soluble in DMSO to 25 mM and in ethanol to 5 mM

**Handling**
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES

C1O[C@H]([C@@H]2([C@@H](C=1C(=O)O)(CC=C2CO)[H])[H])O[C@@@H][C@H]([C@@H]3O)[C@@H]([C@H]3O)O)[H]OCO

Source

Synthetic

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS”

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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