Product Datasheet

Geniposidic acid ab143267

Overview

Product name  Geniposidic acid
Description  Anti-inflammatory and anticancer agent
Purity  > 99%

Properties

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

Chemical structure

Molecular formula  C_{16}H_{22}O_{10}
CAS Number  27741-01-1
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  C10[C@H]2[C@@](C=1C(=O)O)(CC=C2CO)[H]3O[C@@O][C@H]3O[C@@H][C@H](O)(C@H)
Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team