Product datasheet

Saikosaponin A ab143543

Overview

Product name
Saikosaponin A

Description
Saikosaponin D epimer

Biological description
Saikosaponin D (ab143545) epimer. COX-2 and iNOS inhibitor. Inhibits NF-κB, TNF-α, IL-1β and IL-6. Shows anti-inflammatory and antiallergic effects in vivo. Orally active.

Purity
> 98%

Properties

Chemical name
(3β,4α,16β)-13,28-epoxy-16,23-dihydroxyolean-11-en-3-yl-6-deoxy-3-O-β-D-glucopyranosyl-β-D-galactopyranoside

Molecular weight
780.98

Chemical structure

Molecular formula
C_{42}H_{68}O_{13}

CAS Number
20736-09-8

PubChem identifier
167928

Storage instructions
Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview
Soluble in DMSO

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
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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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