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  CC1C(C(C(O1)OC2CCC3(C(C2(C)CO)CCC4(C3C=C56C4(CC(C7(C5CC(CC7(C(C)CO6)O(C)C)O)OC8C(C(C(C8)CO)O)O)O)O)O)O)O)O)O)O)O)O)O
Source | Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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