Product datasheet

Curcumol ab143180

Overview

Product name: Curcumol

Description: Anti-inflammatory and antiproliferative agent

Biological description: Anti-inflammatory and antiproliferative agent. Inhibits LPS-induced NO production by suppressing iNOS mRNA expression. Inhibits TNF-α, IL-1β and IL-6 production. Induces p53 activation and G1 cell cycle arrest. Promotes angiogenesis in vivo.

Properties

Chemical name: (3S,3aS,5S,6R,8aS)-Octahydro-3-methyl-8-methylene-5-(1-methylethyl)-6H-3a,6-epoxyazulen-6-ol

Molecular weight: 236.35

Chemical structure:

![Chemical structure image](image)

Molecular formula: C_{15}H_{24}O_{2}

CAS Number: 4871-97-0

PubChem identifier: 160771

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

Solubility overview: Soluble to 100 mM in DMSO and to 100 mM in ethanol

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: C1([C@]2([C@]3([C@]4([C@][C@](C1)(O)3)C(C)C)C)C@@C(C2)C)H)=[C@]

Source: Rhizoma curcumaeis

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