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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Betulinic Acid

Proteasome activator
Catalog No. SIH-221



Discovery through partnership | Excellence through quality

Overview

Product Name

Betulinic Acid

Description

Proteasome activator

Purity

>98%

CAS No.

472-15-1

Molecular Formula

C₁₈H₃₀O₄

Molecular Weight

456.7

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inducer

Solubility

Soluble to 50 mM in DMSO

Source

Synthetic

Appearance

White Solid

SMILES

CC(=O)C[C@H]1[C@@H]2[C@@](CC[C@@]3([C@@H]2CC[C@H]4[C@]3(CC[C@@H]5[C@@]4(CC[C@@H]([C@]5(C)C)O)C)C)(CC1)C(=O)O

InChI

InChI=1S/C30H48O3/c1-18(2)19-10-15-30(25(32)33)17-16-28(6)20(24(19)30)8-9-22-27(5)13-12-23(31)26(3,4)21(27)11-14-29(22,28)7/h19

InChIKey

QGJZLNKBHJESQX-FZFNOLFKSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Cite This Product

Betulinic Acid (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-221)

Biological Description

Alternative Names

(3?)-3-Hydroxylup-20(29)-en-28-oic acid

Research Areas

Cancer, Apoptosis

PubChem ID

64971

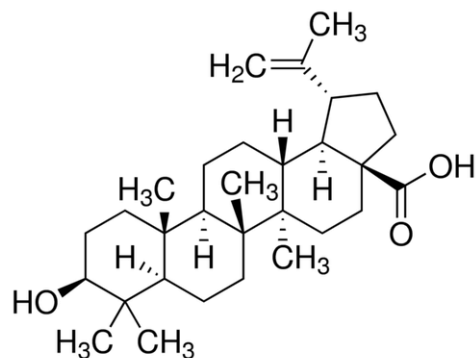
Scientific Background

Betulinic acid is a naturally occurring pentacyclic triterpenoid which has anti-retroviral, anti-malarial, anti-inflammatory and anti-cancer properties (1).

References

1. Chowdhury A.R., et al. (2002) Medical Science Monitor. 8(7): BR254-65.

Product Images



Chemical structure of Betulinic Acid (SIH-221), a Induces mitochondrial permeability pore opening. CAS #: 472-15-1. Molecular Formula: C₃₀H₄₈O₃ . Molecular Weight: 456.7 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.