Product datasheet

N-Acetyl-S-farnesyl-L-cysteine (AFC), Specific S-farnesylcysteine methyl transferase inhibitor ab141616

Overview

Product name
N-Acetyl-S-farnesyl-L-cysteine (AFC), Specific S-farnesylcysteine methyl transferase inhibitor

Description
Specific S-farnesylcysteine methyl transferase inhibitor

Biological description
Specific S-farnesylcysteine methyl transferase inhibitor (K_m = 20 µM). Modulator of G protein and G protein coupled receptor signaling. Inhibits neutrophil chemotaxis and other inflammatory responses in vitro. Topically inhibits acute inflammation in vivo.

Purity
> 98%

CAS Number
135304-07-3

Chemical structure

![Chemical structure](image)

Properties

Chemical name
2-Acetamido-3-(3,7,11-trimethyldodeca-2,6,10-trienylsulfanyl)propanoic acid

Molecular weight
367.50

Molecular formula
C_{20}H_{33}NO_3S

PubChem identifier
1994

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

Solubility overview
Soluble in water to 50 mM (with warming), in DMSO to 50 mM and in ethanol to 50 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.

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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”

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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