**Product Datasheet**

**N-Acetyl-S-geranyl-L-cysteine (AGC) ab141619**

### Overview

**Product name**

*N*-Acetyl-*S*-geranyl-*L*-cysteine (AGC)

**Description**

Cell-permeable biologically inactive analog of AFC and AGGC

**Biological description**

Cell-permeable biologically inactive analog of *N*-Acetyl-*S*-geranylgeranyl-*L*-cysteine (AGCC, ab141618) and *N*-acetyl-*S*-farnesyl-*L*-cysteine (AFC, ab141616). AGC is a close structural inactive analog and may be used as a negative control for either AFC or AGGC.

**Purity**

> 98%

### Properties

**Chemical name**

(2R)-2-Acetamido-3-(3,7-dimethylocta-2,6-dienylsulfanyl)propanoic acid

**Molecular weight**

299.40

**Chemical structure**

![Chemical structure of N-Acetyl-S-geranyl-L-cysteine (AGC)](image)

**Molecular formula**

C₁₅H₂₅NO₃S

**PubChem identifier**

6610220

**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 to 75 mM and in ethanol to 75 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](https://www.abcam.com) for more details.

**SMILES**

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**Source**

Synthetic

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*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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