N-Acetyl-S-geranylgeranyl-L-cysteine

Blocks methyl esterification of geranylgeranylated proteins

AGGC specifically blocks methyl esterification of geranylgeranylated proteins such as Rab proteins. AGGC blocks receptor-mediated signal transduction in human neutrophils (IC_{50}=4 μM). Induces insulin release from HIT-T15 cells by mimicking the action of Rab3A and inhibits β2-integrin-induced actin polymerization (IC_{50}~45 nM) in neutrophils.

Citations: 4 View Online »

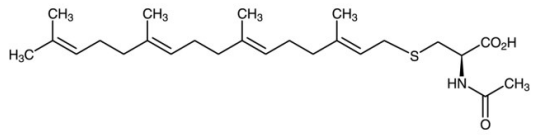
Ordering Information

Order Online »

BML-G220-0005	5mg
BML-G220-0025	25mg

Manuals, SDS & CofA

View Online »


CH3
CH3
CH3
CH3
H3C
S
CO2H
HN
CH3
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Yellow viscous oil.
CAS	139332-94-8
Couple Target	Methyltransferase
Couple Type	Inhibitor
Formula	$C_{25}H_{41}NO_3S$
MW	435.7
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (>25mg/ml) or 100% ethanol (>25mg/ml).

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