

S-Farnesyl-L-cysteine methyl ester, Prenylated amino acid

Catalog	Unit
TBI4608-5MG	5 mg
TBI4608-25MG	25 mg

Product Details

Formal Name: (2R)-2-Amino-3-[(2E,6E)-3,7,11-trimethyldodeca-2,6,10-trienyl]sulfanylpropanoic acid methyl ester

Molecular Formula: C₁₉H₃₃NO₂S

Formula Weight: 339.50

CAS Number: 125741-64-2

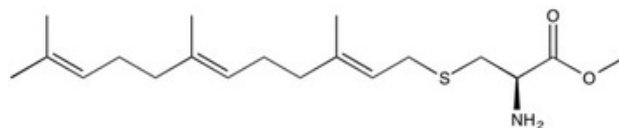
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Prenylated amino acid

Functions

Stimulates multidrug resistance transporter ATPase activity (4-5 fold at 10-20 μM) and competes for drug binding. It modifies the carboxyl terminus of the *Saccharomyces cerevisiae* RAS2 protein.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.