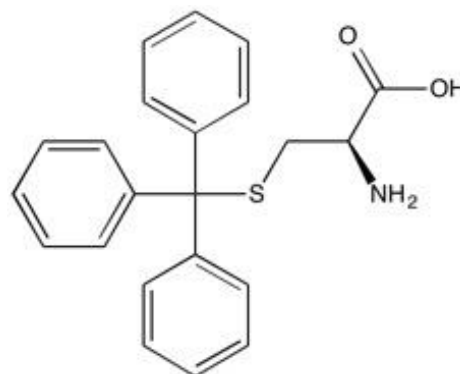


Catalog	Unit
TBI1042 - 1G	1 g

Product Details

Formal Name: (+)-S-Trytyl-L-cysteine
Molecular Formula: C₂₂H₂₁NO₂S
Formula Weight: 363.47
CAS Number: 2799-07-7
Purity: ≥98%
Formulation: Powder.
Solubility: Soluble in DMSO (up to 20 mg/ml).
Storage: -20°C
Stability: ≥ 2 years.



Applications

Kinesin Eg5 inhibitor

Functions

S-Trytyl-cysteine is a cell permeable inhibitor of mitotic kinesin Eg5 (IC₅₀ for inhibition of basal ATPase activity = 1 μM; IC₅₀ for inhibition of microtubule-activated ATPase activity = 140 nM). Mean growth concentration (GI50) of 1.31 μM for a panel of 60 different tumor cell lines.

Application Procedures

First dissolved in DMSO (20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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