

Catalog	Unit
TBI2061 - 1MG	1 mg
TBI2061 - 5MG	5 mg

Product Details

Formal Name: Cyclo[(2R)-2-hydroxy-3-methylbutanoyl-N-methyl-L-phenylalanyl-(2R)-2-hydroxy-3-methylbutanoyl-N-methyl-L-phenylalanyl-(2R)-2-hydroxy-3-methylbutanoyl-N-methyl-L-phenylalanyl]

Molecular Formula: C₄₅H₅₇N₃O₉

Formula Weight: 783.95

CAS Number: 26048-05-5

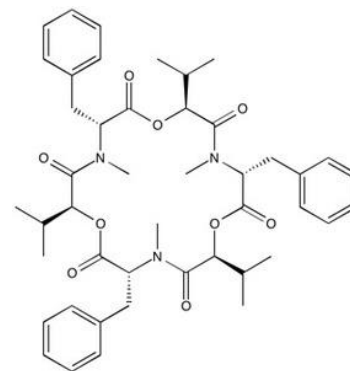
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 30 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Disrupts mitochondrial volume

Functions

Beauvericin (CAS 26048-05-5) induces apoptosis in A549 cancer cells. Disrupts mitochondrial volume regulation. Antifungal activity acting via inhibition of both multidrug efflux and TORC1 kinase. Crosses the blood-brain barrier in mice. Inhibits HIV-1 integrase.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 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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