

Catalog	Unit
TBI2549 - 1MG	1 mg
TBI2549 - 5MG	5 mg

Product Details

Formal Name: 3-[[1-[-2-Hydroxymethyl)-1-pyrrolidinyl]carbonyl]-2-methylpropyl]carbamoyl]-octanohydroxamic acid

Molecular Formula: C₁₉H₃₆N₃O₅

Formula Weight: 385.51

CAS Number: 13434-13-4

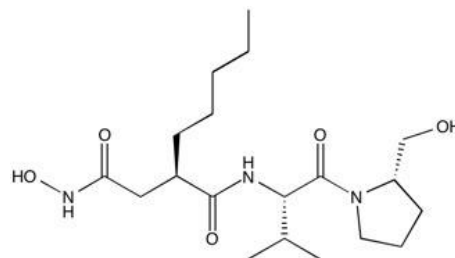
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml)

Storage: -20°

Stability: ≥ 2 years.



Applications

Leucyl aminopeptidase inhibitor

Functions

Actinonin (13434-13-4) is a potent hydroxamic acid inhibitor of aminopeptidases which displays analgesic effects by inhibiting enkephalin-degrading enzymes. Actinonin also inhibits peptide deformylase. Induces apoptosis and displays antitumor activity in vivo. Inhibits neutrophil collagenase and other MMPs. Induces mitochondrial proteotoxicity.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or ethanol (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol 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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