

Catalog	Unit
TBI1589 - 1MG	1 mg
TBI1589 - 5MG	5 mg

Product Details

Formal Name: (2R,3S)-N4-Hydroxy-N1-[(1S)-2-(methylamino)-2-oxo-1-(phenylmethyl)ethyl]-2-(2-methylpropyl)-3-[(2-thienylthio)methyl]butanediamide

Alternate Names: BB-94

Molecular Formula: C₂₃H₃₁N₃O₄S₂

Formula Weight: 477.64

CAS Number: 130370-60-4

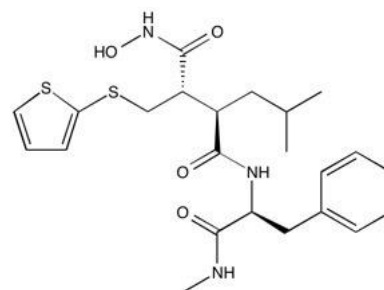
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 45 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Matrix metalloprotease inhibitor (pan-specific)

Functions

Batimastat (130370-60-4) is a potent, broad spectrum MMP inhibitor (IC₅₀ = 3, 4, 4, 6 and 20 nM for MMPs -1, -2, -9, -7 and -3 respectively). Exhibits antiproliferative, anti-invasive and antimetastatic activity in human colon, ovarian and prostate xenografts in vivo. Attenuates neuroinflammation following focal cerebral ischemia in mice. Inhibits α-secretase. Inhibits snake venom (*Bothrops asper*) lethality.

Application Procedures

First dissolved in DMSO (up to 45 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

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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