

Product Name : Batimastat

Synonyms : BB-94

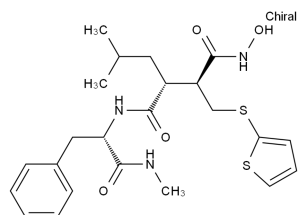
Cat No. : M11219

CAS Number : 130370-60-4

Molecular Formula : C₂₃H₃₁N₃O₄S₂

Formula Weight : 477.64

Chemical Name : —



Description : Batimastat (BB-94) is a potent, broad spectrum matrix metalloprotease (MMP) inhibitor for MMP-1, MMP-2, MMP-9, MMP-7 and MMP-3 with IC₅₀ of 3 nM, 4 nM, 4 nM, 6 nM and 20 nM, respectively. Also inhibits the activity of other metalloproteases, such as ADAM17.

Pathway : Metabolic Enzyme/Protease

Target : MMP

Receptor : MMP-1; MMP-2; MMP-3; MMP-7; MMP-9

Solubility : DMSO:96 mg/mL (200.98 mM); Ethanol:<1 mg/mL (<1 mM); Water: <1 mg/mL (<1 mM)

SMILES : CNC(=O)[C@H](CC1=CC=CC=C1)NC(=O)[C@H](CC(C)C)[C@H](CSC1=CC=CS1)C(=O)NO |r,c:8,10,26,t:6,24|

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Chirivi RG, et al. Int J Cancer, 1994, 58(3), 460-464.