
Product Data Sheet

Product Name: MMP-2/MMP-9 Inhibitor II

Cat. No.: GC18608

Chemical Properties

Cas. No. 193807-60-2

Chemical Name (αR)-α-[[[1,1'-biphenyl]-4-ylsulfonyl]amino]-N-hydroxy-benzenepropanamide

SMILES O=S(C(C=C1)=CC=C1C2=CC=CC=C2)(N[C@@H](C(NO)=O)CC3=CC=CC=C3)=OFormula C₂₁H₂₀N₂O₄S M.Wt 396.5

Solubility DMSO: 100 mg/ml, Methanol: 25 mg/ml Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

MMP-2/MMP-9 inhibitor II is a dual inhibitor of matrix metalloproteinase-2 (MMP-2) and MMP-9 (IC₅₀s = 17 and 30 nM, respectively). In mice, it suppresses lung colonization of Lewis lung carcinoma cells and inhibits tumor-induced angiogenesis, tumor growth, and liver metastasis.,

Caution: Product has not been fully validated for medical applications. For research use only.

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