

MMP Inhibitor I (trifluoroacetate salt) Biochemical | MMP biochemical

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CATALOG #
AAA227240

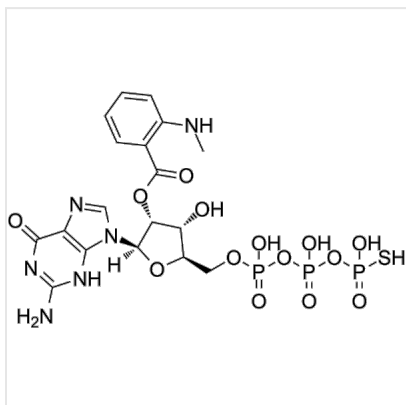
PRODUCT SYNONYMS

MMP Inhibitor I (trifluoroacetate salt); MMP biochemical

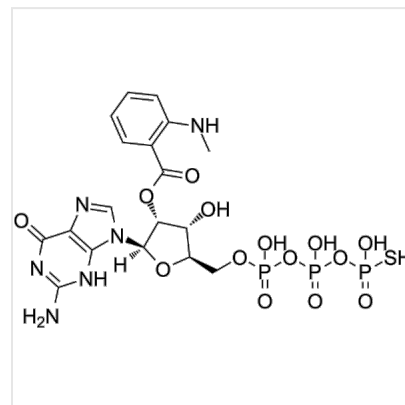
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Mant-GTPgammaS, CAS 136749-24-1



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ADDITIONAL INFORMATION

Related Product Information for MMP biochemical	MMP inhibitor I is a peptide inhibitor of matrix metalloproteinase-1 (MMP-1), MMP-2, and MMP-3 (IC ₅₀ s = 1.3, 30, and 150 uM, respectively). It is selective for MMP-1, MMP-2, and MMP-3 over the proteases thermolysin, urease, trypsin, alpha-chymotrypsin, plasmin, and elastase at concentrations up to 4 mM.
References	- Andreas Gille, et al. 2'-(3')-O-(N-methylanthraniloyl)-substituted GTP analogs: a novel class of potent competitive adenylyl cyclase inhibitors. J Biol Chem. 2003 Apr 11;278(15):12672-9. - Tomoharu Kanie, et al. The CEP19-RABL2 GTPase Complex Binds IFT-B to Initiate Intraflagellar Transport at the Ciliary Base. Dev Cell. 2017 Jul 10;42(1):22-36.e12. - Christian Spangler, et al. Interaction of the diguanylate cyclase YdeH of Escherichia coli with 2'-(3')-substituted purine and pyrimidine nucleotides. J Pharmacol Exp Ther. 2011 Jan;336(1):234-41.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.