



GM6001 [Ilomastat] MMP Inhibitor

CATALOG NUMBER:	CC1010
LOT NUMBER:	
QUANTITY:	10 mg
CONCENTRATION:	1 mg/mL (2.5 mM) in DMSO
SPECIFICITY:	GM6001 MMP inhibitor, also known as Ilomastat or N-[(2R)-2-(hydroxamidocarbonylmethyl)-4-methylpentanoyl]-L-tryptophan methylester, is a potent inhibitor of collagenases. Reported K_i values are as follows (see Galardy Ref): Human MMP-1 (Fibroblast collagenase): 0.4 nM Human MMP-3 (Stromelysin): 27 nM Human MMP-2 (72 kDa gelatinase): 0.5 nM Human MMP-8 (Neutrophil collagenase): 0.1 nM Human MMP-9 (92 kDa gelatinase): 0.2 nM Typical working dilution for use in cultured cells is 10-25 μ M.
PRESENTATION:	Provided at 1 mg/mL (2.5 mM) in DMSO.
STORAGE/HANDLING:	Maintain frozen at -20°C in DMSO for up to 12 months. Avoid storage once diluted into aqueous solutions.
REFERENCES:	1. Galardy, R.E., et al. (1994) Ann. NY Acad. Sci. 732: 315-323.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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