

GM 6001 - CAS 142880-36-2 - Calbiochem GM 6001, CAS 142880-36-2, is a potent, cell-permeable, broad-spectrum inhibitor of matrix metalloproteinases.

Art. ID SAF-364205-1MG

Unit 1 x 1 mg

Description

A potent, cell-permeable, broad-spectrum hydroxamic acid inhibitor of matrix metalloproteinases (MMPs), ($K_i = 400$ pM for MMP-1, $K_i = 500$ pM for MMP-2, $K_i = 27$ nM for MMP-3, $K_i = 100$ pM for MMP-8, and $K_i = 200$ pM for MMP-9). Prevents the release of TNF- α in vivo and in vitro and abrogates endotoxin-induced lethality in mice. A 10 mM (1 mg/257 μ l) solution of GM6001 (Cat. No. 364206) in DMSO is also available. A cell-permeable, potent broad-spectrum hydroxamic acid inhibitor of matrix metalloproteinases (MMPs). [$K_i = 0.4$ nM for skin fibroblast collagenase (MMP-1), $K_i = 0.5$ nM for gelatinase A (MMP-2), $K_i = 27$ nM for stromelysin (MMP-3), $K_i = 0.1$ nM for neutrophil collagenase (MMP-8), and $K_i = 0.2$ nM for gelatinase B (MMP-9)]. Also prevents the release of TNF- α in vivo and in vitro and abrogates endotoxin-induced lethality in mice.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Ilomastat	[142880-36-2]				