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## GM-6001

产品编号: D51048

CAS: 142880-36-2

分子式: C<sub>20</sub>H<sub>28</sub>N<sub>4</sub>O<sub>4</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>20</sub>H<sub>28</sub>N<sub>4</sub>O<sub>4</sub>/c1-12(2)8-13(10-18(25)24-28)19(26)23-17(20(27)21-3)9-14-11-22-16-7-5-4-6-15(14)16/h4-7,11-13,17,22,28H,8-10H<sub>2</sub>,1-3H<sub>3</sub>,(H,21,27)(H,23,26)(H,24,25)/t13-,17+/m1/s1

InChi Key: NITYDPDXAAFEIT-DYVFJYSZSA-N

Smiles: CC(C)C[C@H](CC(=O)NO)C(=O)N[C@@H](CC1=CNC2=CC=CC=C12)C(=O)NC

外观: 固体粉末

作用通路: MMP

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: GM-6001 is a broad-spectrum matrix metalloproteinase inhibitor with potential anticancer activity. GM-6001 is a member of the hydroxamic acid class of reversible metalloproteinase inhibitors. The anionic state of the hydroxamic acid group forms a bidentate complex with the active site zinc. Examples of enzymes that ilomastat inhibit include thermolysin, peptide deformylase, and anthrax lethal factor endopeptidase (LF) produced by the bacterium *Bacillus anthracis*.