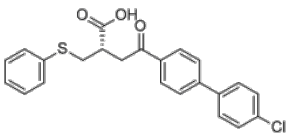


Product Name	: Tanomastat	
Synonyms	: BAY129566;BAY 12-9566	
Cat No.	: M12711	
CAS Number	: 179545-77-8	
Molecular Formula	: C ₂₃ H ₁₉ ClO ₃ S	
Formula Weight	: 410.91	
Chemical Name	: (S)-4-(4'-chloro-[1,1'-biphenyl]-4-yl)-4-oxo-2-((phenylthio)methyl)butanoic acid	
Description	Tanomastat (BAY 129566) is a potent, orally available, non-peptidic inhibitor of MMP-2, MMP-3 and MMP-9 with 11, 143 and 301 nM, respectively; inhibits extracellular matrix degradation and potentially inhibiting angiogenesis, tumor growth and invasion, and metastasis both in vitro and in vivo. Ovarian Cancer Phase 3 Discontinued	
Pathway	: Metabolic Enzyme/Protease	
Target	: MMP	
Receptor	: MMP	
Solubility	: —	
SMILES	<chem>O=C(O)[C@@H](CSC1=CC=CC=C1)CC(C2=CC=C(C3=CC=C(Cl)C=C3)C=C2)=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Gatto C, et al. Clin Cancer Res. 1999 Nov;5(11):3603-7. 2. Rowinsky EK, et al. J Clin Oncol. 2000 Jan;18(1):178-86. 3. Leung D, et al. J Med Chem. 2000 Feb 10;43(3):305-41. 4. Moore MJ, et al. J Clin Oncol. 2003 Sep 1;21(17):3296-302.