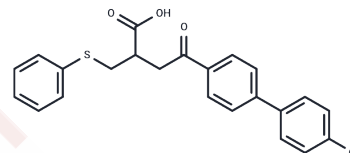


## (Rac)-Tanomastat

## Chemical Properties

CAS No. :	179545-76-7
Formula:	C <sub>23</sub> H <sub>19</sub> ClO <sub>3</sub> S
Molecular Weight:	410.91
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(Rac)-Tanomastat ((Rac)-BAY 12-9566) is a racemate of Tanomastat. Tanomastat (BAY 12-9566) is an orally active zinc carboxy-containing inhibitor of non-peptide biphenyl matrix metalloproteinases (MMPs) and inhibits MMP-2 (Ki: 11 nM), MMP-3 (Ki: 143 nM), MMP-9 (Ki: 301 nM), and MMP-13 (Ki: 1470 nM). In several experimental tumor models, Tanomastat exhibits anti-invasive and anti-metastatic effects.
Targets(IC50)	MMP,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4336 mL	12.1681 mL	24.3362 mL
5 mM	0.4867 mL	2.4336 mL	4.8672 mL
10 mM	0.2434 mL	1.2168 mL	2.4336 mL
50 mM	0.0487 mL	0.2434 mL	0.4867 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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