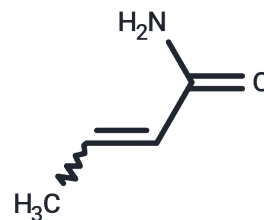


2-Butenamide

Chemical Properties

CAS No. :	23350-58-5
Formula:	C ₄ H ₇ NO
Molecular Weight:	85.1
Storage:	Store under nitrogen, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	2-Butenamide is a chemical compound exhibiting inhibitory activity against FLT3 with a measured IC ₅₀ value of 1710.07 nM (1.71 μM).
Targets(IC ₅₀)	FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.7509 mL	58.7544 mL	117.5088 mL
5 mM	2.3502 mL	11.7509 mL	23.5018 mL
10 mM	1.1751 mL	5.8754 mL	11.7509 mL
50 mM	0.235 mL	1.1751 mL	2.3502 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.

Reference

Wissner A, et al. Synthesis and structure-activity relationships of 6,7-disubstituted 4-anilinoquinoline-3-carbonitriles. The design of an orally active, irreversible inhibitor of the tyrosine kinase activity of the epidermal growth factor receptor (EGFR) and the human epidermal growth factor receptor-2 (HER-2). J Med Chem. 2003 Jan 2;46(1):49-63.

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