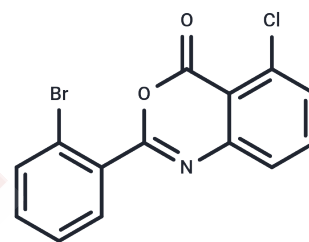


2-(2-bromophenyl)-5-chloro-4H-3,1-benzoxazin-4-one

Chemical Properties

CAS No. :	1234707-32-4
Formula:	C ₁₄ H ₇ BrClNO ₂
Molecular Weight:	336.57
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	2-(2-bromophenyl)-5-chloro-4H-3,1-benzoxazin-4-one is a human neutrophil elastase inhibitor.
Targets(IC50)	Serine Protease

Solubility Information

Solubility	DMSO: 3.37 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9712 mL	14.8558 mL	29.7115 mL
5 mM	0.5942 mL	2.9712 mL	5.9423 mL
10 mM	0.2971 mL	1.4856 mL	2.9712 mL
50 mM	0.0594 mL	0.2971 mL	0.5942 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

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