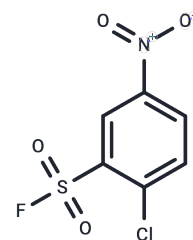


GSTP1-1 inhibitor 1

Chemical Properties

CAS No. :	3829-23-0
Formula:	C ₆ H ₃ ClFNO ₄ S
Molecular Weight:	239.61
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	GSTP1-1 Inhibitor 1 (compound 6b) is an irreversible, long-acting inhibitor of glutathione S-transferase with a specific focus on GSTP 1-1, exhibiting an IC ₅₀ of 21 μM. As GSTP 1-1 plays a crucial role in tumor suppression, this compound shows promising potential for anticancer activity [1].
Targets(IC ₅₀)	GST

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1734 mL	20.8672 mL	41.7345 mL
5 mM	0.8347 mL	4.1734 mL	8.3469 mL
10 mM	0.4173 mL	2.0867 mL	4.1734 mL
50 mM	0.0835 mL	0.4173 mL	0.8347 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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