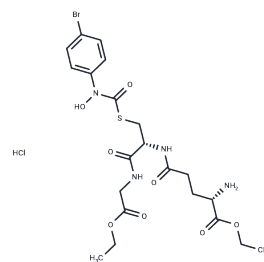


Glyoxalase I inhibitor

Chemical Properties

CAS No. :	221174-33-0
Formula:	C ₂₁ H ₃₀ BrClN ₄ O ₈ S
Molecular Weight:	613.91
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	Glyoxalase I inhibitor, a candidate for anticancer agents, is a potent Glyoxalase I (GLO1) inhibitor.
Targets(IC50)	Others,Glyoxalase

Solubility Information

Solubility	DMSO: 37 mg/mL (60.27 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 2 mg/mL (3.26 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6289 mL	8.1445 mL	16.289 mL
5 mM	0.3258 mL	1.6289 mL	3.2578 mL
10 mM	0.1629 mL	0.8145 mL	1.6289 mL
50 mM	0.0326 mL	0.1629 mL	0.3258 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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