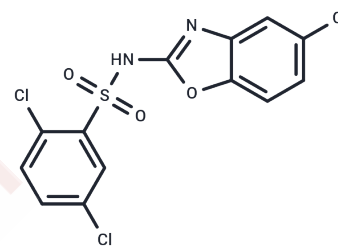


## FBPase-1 inhibitor-1

## Chemical Properties

CAS No. :	883973-99-7
Formula:	C13H7Cl3N2O3S
Molecular Weight:	377.63
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	FBPase-1 inhibitor-1 (Fructose 1,6-bisphosphatase-1 Inhibitor) is a fructose 1,6-bisphosphatase-1 inhibitor.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 41.7 mg/mL (110.43 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: < 4.17 mg/mL (11.04 mM), Lower concentrations may be soluble, but exact solubility limit is unknown. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4.17 mg/mL (11.04 mM), Solution. <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	2.6481 mL	13.2405 mL	26.4809 mL
5 mM	0.5296 mL	2.6481 mL	5.2962 mL
10 mM	0.2648 mL	1.324 mL	2.6481 mL
50 mM	0.053 mL	0.2648 mL	0.5296 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

Lai C , Gum R J , Daly M , et al. Benzoxazole benzenesulfonamides as allosteric inhibitors of fructose-1,6-bisphosphatase.[J]. Bioorganic & Medicinal Chemistry Letters, 2006, 16(7):1807-1810.

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