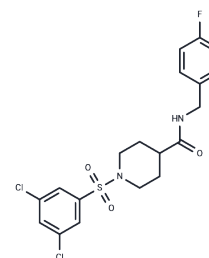


BI 01383298

## Chemical Properties

CAS No. : 2227549-00-8  
 Formula: C<sub>19</sub>H<sub>19</sub>Cl<sub>2</sub>FN<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 445.34  
 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	BI 01383298 is a selective inhibitor of the sodium-citrate co-transporter (SLC13A5).
Targets(IC50)	Sodium Channel

## Solubility Information

Solubility	DMSO: 22 mg/mL (49.4 mM),Sonication is recommended. H <sub>2</sub> O: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2455 mL	11.2274 mL	22.4548 mL
5 mM	0.4491 mL	2.2455 mL	4.491 mL
10 mM	0.2245 mL	1.1227 mL	2.2455 mL
50 mM	0.0449 mL	0.2245 mL	0.4491 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

Peters JM. Flipping a citrate switch on liver cancer cells. J Biol Chem. 2017 Aug 18;292(33):13902-13903.

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