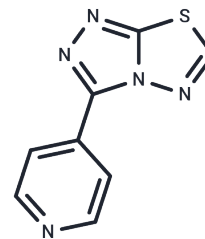


YU142670

## Chemical Properties

CAS No. : 133847-06-0  
 Formula: C<sub>8</sub>H<sub>5</sub>N<sub>5</sub>S  
 Molecular Weight: 203.22  
 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	YU142670 is a selective inhibitor of OCRL1/INPP5F and OCRL2/INPP5B by targeting OCRL catalytic domain.
Targets(IC50)	Others,Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9208 mL	24.6039 mL	49.2078 mL
5 mM	0.9842 mL	4.9208 mL	9.8416 mL
10 mM	0.4921 mL	2.4604 mL	4.9208 mL
50 mM	0.0984 mL	0.4921 mL	0.9842 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

Pirruccello M, Nandez R, Idevall-Hagren O, Alcazar-Roman A, Abriola L, Berwick SA, Lucast L, Morel D, De Camilli P. Identification of inhibitors of inositol 5-phosphatases through multiple screening strategies. ACS Chem Biol. 2014 Jun 20;9(6):1359-68. doi: 10.1021/cb500161z. Epub 2014 May 1. PubMed PMID: 24742366; PubMed Central PMCID: PMC4076014.

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