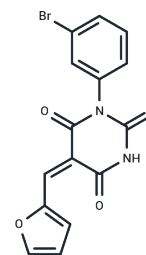


SMIFH2

Chemical Properties

CAS No. :	340316-62-3
Formula:	C15H9BrN2O3S
Molecular Weight:	377.21
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	SMIFH2 is formin homology 2 (FH2) domains inhibitor.
Targets(IC50)	Others,Arp2/3 Complex

Solubility Information

Solubility	DMSO: 120 mg/mL (318.13 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.651 mL	13.2552 mL	26.5104 mL
5 mM	0.5302 mL	2.651 mL	5.3021 mL
10 mM	0.2651 mL	1.3255 mL	2.651 mL
50 mM	0.053 mL	0.2651 mL	0.5302 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

Isogai T , Rob V , Innocenti M . SMIFH2 has effects on Formins and p53 that perturb the cell cytoskeleton[[]].
Scientific Reports, 2015, 5(1):9802.

Fan L, Tang Y, Liu J, et al.Mechanical Activation of cPLA2 Impedes Fatty Acid β -Oxidation in Vein Grafts.Advanced Science.2411559

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