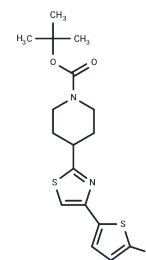


ARC7

Chemical Properties

CAS No. : 681212-58-8
 Formula: C₁₇H₂₁ClN₂O₂S₂
 Molecular Weight: 384.94
 Storage: Keep away from direct sunlight
 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	ARC7 is a probe for secondary metabolites of Staphylococcus aureus, used for studying type 2 diabetes.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: 40 mg/mL (103.91 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	2.5978 mL	12.989 mL	25.9781 mL
5 mM	0.5196 mL	2.5978 mL	5.1956 mL
10 mM	0.2598 mL	1.2989 mL	2.5978 mL
50 mM	0.052 mL	0.2598 mL	0.5196 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

Haddadi A, et al. Combination of Innate Immune Modulators as Vaccine Adjuvants in Mice. Vaccines (Basel). 2020 Oct 1;8(4):569.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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