

ProINDY

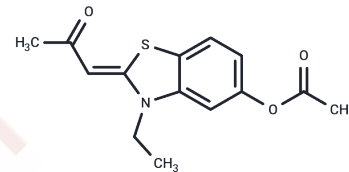
Chemical Properties

CAS No. : 719277-30-2

Formula: C₁₄H₁₅NO₃S

Molecular Weight: 277.34

Storage: Store at low temperature, 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	ProINDY (Pro-indy) is a potent DYRK inhibitor that activates NFAT for the study of Down syndrome.
Targets(IC50)	DYRK

Solubility Information

Solubility DMSO: < 27.73 mg/mL, Sonication is recommended.
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6057 mL	18.0284 mL	36.0568 mL
5 mM	0.7211 mL	3.6057 mL	7.2114 mL
10 mM	0.3606 mL	1.8028 mL	3.6057 mL
50 mM	0.0721 mL	0.3606 mL	0.7211 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

Lee TD, et al. A High-Throughput Screen of a Library of Therapeutics Identifies Cytotoxic Substrates of P-glycoprotein. Mol Pharmacol. 2019 Nov;96(5):629-640.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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