

PKR-IN-2

Chemical Properties

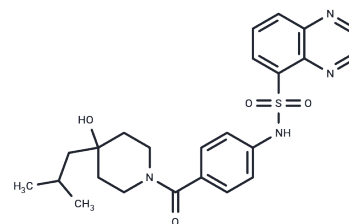
CAS No. : 1628428-01-2

Formula: $C_{24}H_{28}N_4O_4S$

Molecular Weight: 468.57

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PKR-IN-2 is a activator of pyruvate kinase (PKR).
Targets(IC50)	PKM

Solubility Information

Solubility	DMSO: 45 mg/mL (96.04 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	2.1342 mL	10.6708 mL	21.3415 mL
5 mM	0.4268 mL	2.1342 mL	4.2683 mL
10 mM	0.2134 mL	1.0671 mL	2.1342 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 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.

Reference

Popovici-Muller, et al. Preparation of N-(piperidinecarbonylphenyl) sulfonamide compounds as pyruvate kinase modulators. From PCT Int. Appl. (2014), WO2014139144A1 20140918.

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