

RKI1313

Chemical Properties

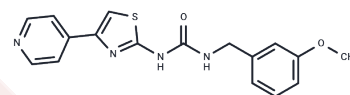
CAS No. : 1342276-76-9

Formula: C₁₇H₁₆N₄O₂S

Molecular Weight: 340.4

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	RKI1313 (RKI-1313) was a selective inhibitor for ROCK-dependent signaling, cytoskeletal changes, anchorage-independent colony formation, migration, and invasion.
Targets(IC50)	ROCK

Solubility Information

Solubility	DMSO: 55 mg/mL (161.57 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	2.9377 mL	14.6886 mL	29.3772 mL
5 mM	0.5875 mL	2.9377 mL	5.8754 mL
10 mM	0.2938 mL	1.4689 mL	2.9377 mL
50 mM	0.0588 mL	0.2938 mL	0.5875 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

Patel RA, et al. Y Res. 2012 Oct 1;72(19): 5025-34.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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