

ROCK-IN-32

Chemical Properties

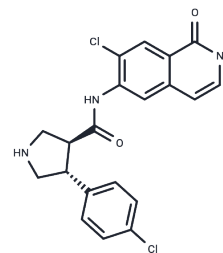
CAS No. : 1013117-40-2

Formula: C₂₀H₁₇Cl₂N₃O₂

Molecular Weight: 402.27

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	ROCK-IN-32 is an effective Rho-kinase inhibitor.
Targets(IC50)	Others,ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4859 mL	12.4295 mL	24.8589 mL
5 mM	0.4972 mL	2.4859 mL	4.9718 mL
10 mM	0.2486 mL	1.2429 mL	2.4859 mL
50 mM	0.0497 mL	0.2486 mL	0.4972 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

Zhou ZY, Huang B, Li S, Huang XH, Tang JY, Kwan YW, Hoi PM, Lee SM. Sodium tanshinone IIA sulfonate promotes endothelial integrity via regulating VE-cadherin dynamics and RhoA/ROCK-mediated cellular contractility and prevents atorvastatin-induced intracerebral hemorrhage in zebrafish. *Toxicol Appl Pharmacol*. 2018 May 4;350:32-42. doi: 10.1016/j.taap.2018.04.037. [Epub ahead of print] PubMed PMID: 29730311.

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Rubinstein PG, Moore PC, Rudek MA, Henry DH, Ramos JC, Ratner L, Reid E, Sharon E, Noy A; AIDS Malignancy Consortium (AMC). Brentuximab vedotin with AVD shows safety, in the absence of strong CYP3A4 inhibitors, in newly diagnosed HIV-associated Hodgkin lymphoma. *AIDS*. 2018 Mar 13;32(5):605-611. doi: 10.1097/QAD.0000000000001729. PubMed PMID: 29280762; PubMed Central PMCID: PMC5832596.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481