

AR-13324 analog mesylate

Chemical Properties

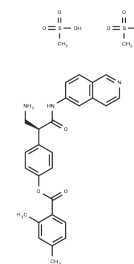
CAS No. :

Formula: C₂₉H₃₃N₃O₉S₂

Molecular Weight: 631.72

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	AR-13324 analog mesylate, an inhibitor of Rho-kinase and the norepinephrine transporter, reduces intraocular pressure in normotensive monkey eyes.
Targets(IC50)	Others, ROCK

Solubility Information

Solubility	DMSO: 28 mg/mL (44.32 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	1.583 mL	7.9149 mL	15.8298 mL
5 mM	0.3166 mL	1.583 mL	3.166 mL
10 mM	0.1583 mL	0.7915 mL	1.583 mL
50 mM	0.0317 mL	0.1583 mL	0.3166 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

Wang RF, et al. Effect of 0.04% AR-13324, a ROCK, and norepinephrine transporter inhibitor, on aqueous humor dynamics in normotensive monkey eyes. J Glaucoma. 2015 Jan;24(1):51-4.

Levy B, et al. Ocular hypotensive safety and systemic absorption of AR-13324 ophthalmic solution in normal volunteers. Am J Ophthalmol. 2015 May;159(5):980-5.e1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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