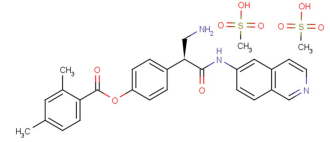


## Data Sheet (Cat.No.T10357)

AR-13324 analog mesylate

### Chemical Properties

CAS No.:	T10357
Formula:	C <sub>29</sub> H <sub>33</sub> N <sub>3</sub> O <sub>9</sub> S <sub>2</sub>
Molecular Weight:	631.72
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	AR-13324 analog mesylate is an inhibitor of Rho-kinase and a norepinephrine transporter and reduces intraocular pressure in normotensive monkey eyes.
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	DMSO: 28 mg/mL (44.32 mM) ( < 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	7.915 mL	15.83 mL
5 mM	0.317 mL	1.583 mL	3.166 mL
10 mM	0.158 mL	0.791 mL	1.583 mL
50 mM	0.032 mL	0.158 mL	0.317 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### 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.

Inhibitors · Natural Compounds · Compound Libraries

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