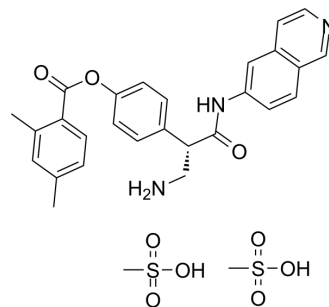


## AR-13324 analog mesylate

<b>Cat. No.:</b>	HY-19346
<b>CAS No.:</b>	2095432-73-6
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>33</sub> N <sub>3</sub> O <sub>9</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	631.72
<b>Target:</b>	ROCK
<b>Pathway:</b>	Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 28 mg/mL (44.32 mM)  
\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
	1 mM		1.5830 mL	7.9149 mL	15.8298 mL
	5 mM		0.3166 mL	1.5830 mL	3.1660 mL
	10 mM		0.1583 mL	0.7915 mL	1.5830 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

AR-13324 analog mesylate is an analog of AR-13324. AR-13324 is an ROCK and norepinephrine transporter (NET) inhibitor<sup>[1]</sup>.

### REFERENCES

- [1]. 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.
- [2]. 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.
- [3]. 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.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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