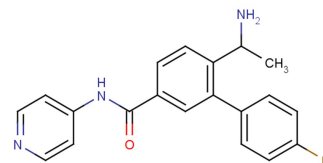


## ROCK-IN-1

## Chemical Properties

CAS No.:	934387-35-6
Formula:	C <sub>20</sub> H <sub>18</sub> FN <sub>3</sub> O
Molecular Weight:	335.37
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	ROCK-IN-1 is a potent ROCK inhibitor(IC <sub>50</sub> of 1.2 nM , ROCK2).
Targets(IC <sub>50</sub> )	ROCK2: 1.2 nM
In vitro	ROCK-IN-1 shows potent cellular efficacy(EC <sub>50</sub> of 200 nM).

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.982 mL	14.909 mL	29.818 mL
5 mM	0.596 mL	2.982 mL	5.964 mL
10 mM	0.298 mL	1.491 mL	2.982 mL
50 mM	0.06 mL	0.298 mL	0.596 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

1. Boland S, et al. 3-[2-(Aminomethyl)-5-[(pyridin-4-yl)carbamoyl]phenyl] benzoates as soft ROCK inhibitors. Bioorg Med Chem Lett. 2013 Dec 1;23(23):6442-6.

Inhibitors · Natural Compounds · Compound Libraries

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