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**Product Data Sheet**

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Product Name: ROCK-IN-1

Cat. No.: GC31952

**Chemical Properties**

Cas. No. 934387-35-6

SMILES O=C(C1=CC(C2=CC=C(F)C=C2)=C(C(N)C)C=C1)NC3=CC=NC=C3Formula  $C_{20}H_{18}FN_3O$  M.Wt 335.37

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

ROCK-IN-1 is a potent inhibitor of ROCK, with an IC<sub>50</sub> of 1.2 nM for ROCK2.

ROCK-IN-1 shows potent cellular efficacy, with an EC<sub>50</sub> of 200 nM[1].

[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.

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

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