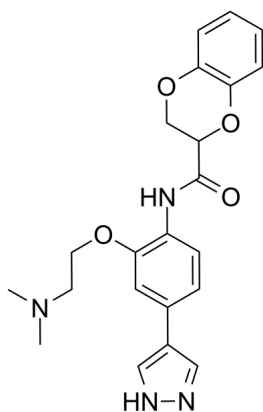


Data Sheet

Product Information

Catalog Number	BP13510
Product Name	SR-3677
Description	SR-3677 is an effective and specific inhibitor of ROCK2 (IC50: 3 nM).
Targets&IC50	ROCK1:56 nM, ROCK2:3 nM
In vitro	SR-3677 has an IC50 of ~3 nM in enzyme and cell-based assays and has an off-target hit rate of 1.4% against 353 kinases, and inhibits only 3 out of 70 non-kinase enzymes and receptors. The IC50 value of SR-3677 for ROCK-I is 56 nM.
In vivo	SR-3677 increases ex vivo aqueous humor outflow in porcine eyes and inhibiting myosin light chain phosphorylation. Continuous exposure of 25 μ M SR-3677 increases the outflow facility by 60% at 1 h perfusion, increasing to 70-80% for the 2-5 h time points.
CAS No.	1072959-67-1
Chemical Formula	C22H24N4O4
Molecular Weight	408.458
Solubility	DMSO: 40 mg/mL (97.93 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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v2 Revision on 12/28/2022

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