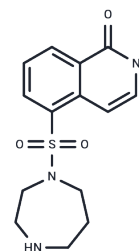


Hydroxyfasudil

Chemical Properties

CAS No. : 105628-72-6
Formula: C₁₄H₁₇N₃O₃S
Molecular Weight: 307.37
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Hydroxyfasudil (Hydroxy-Fasudil) is a ROCK inhibitor(IC ₅₀ s of 0.73 and 0.72 μ M for ROCK1 and ROCK2, respectively).
Targets(IC ₅₀)	ROCK,PKA

Solubility Information

Solubility	DMSO: 31 mg/mL (100.86 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2534 mL	16.267 mL	32.5341 mL
5 mM	0.6507 mL	3.2534 mL	6.5068 mL
10 mM	0.3253 mL	1.6267 mL	3.2534 mL
50 mM	0.0651 mL	0.3253 mL	0.6507 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Ray P, Wright J, Adam J, Boucharens S, Black D, Brown AR, Epemolu O, Fletcher D, Huggett M, Jones P, Laats S, Lyons A, de Man J, Morphy R, Sherborne B, Sherry L, Straten Nv, Westwood P, York M. Optimisation of 6-substituted

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481