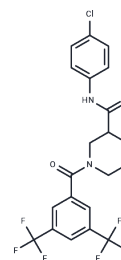


CCG-100602

Chemical Properties

CAS No. : 1207113-88-9
Formula: C₂₁H₁₇ClF₆N₂O₂
Molecular Weight: 478.82
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CCG-100602 inhibits RhoA/C-mediated, SRF-driven luciferase expression in PC-3 prostate cancer cells (IC ₅₀ :9.8 µM).
Targets(IC ₅₀)	Rho,Ras
In vitro	CCG-100602 blocks the expression of MRTF-A/SRF-activated genes. CCG-100602 (3-30?µM) decreases the number of adherent hASC cells[1].

Solubility Information

Solubility	DMSO: 100 mg/mL (208.85 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0885 mL	10.4423 mL	20.8847 mL
5 mM	0.4177 mL	2.0885 mL	4.1769 mL
10 mM	0.2088 mL	1.0442 mL	2.0885 mL
50 mM	0.0418 mL	0.2088 mL	0.4177 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

Laura Hyvärä, et al. Myocardin-Related Transcription Factor A (MRTF-A) Regulates the Balance between Adipogenesis and Osteogenesis of Human Adipose Stem Cells. Stem Cells Int. 2020 Sep 22;2020:8853541.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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