Data Sheet (Cat.No.T25212)



CCCI-01

Chemical Properties

CAS No.: 215778-97-5

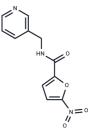
Formula: C11H9N3O4

Molecular Weight: 247.21

Appearance: no data available

Storage: store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CCCI-01 (Centrosome Clustering Chemical Inhibitor-01) is a centrosome cluster inhibitor. CCCI-01 has anticancer activity, induces apoptosis, and can be used in the study of non-cross-resistant anticancer compounds that block centrosome clustering.
Targets(IC50)	Apoptosis

Solubility Information

Solubility O	MSO: 55 mg/mL (222.48 mM)
(<	< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0451 mL	20.2257 mL	40.4514 mL
5 mM	0.809 mL	4.0451 mL	8.0903 mL
10 mM	0.4045 mL	2.0226 mL	4.0451 mL
50 mM	0.0809 mL	0.4045 mL	0.809 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

Kawamura E, et al. Identification of novel small molecule inhibitors of centrosome clustering in cancer cells. Oncotarget. 2013 Oct;4(10):1763-76.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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