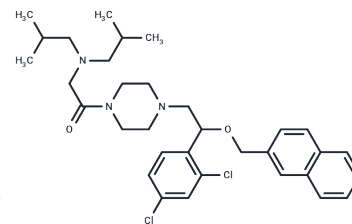


LYN-1604

Chemical Properties

CAS No. : 2088939-99-3
Formula: C₃₃H₄₃Cl₂N₃O₂
Molecular Weight: 584.62
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LYN-1604 is a novel activator of ULK1, inducing cell death involved in ATF3, RAD21, and caspase3, accompanied by autophagy and apoptosis.
Targets(IC50)	Apoptosis, Autophagy

Solubility Information

Solubility	DMSO: 46 mg/mL(78.7 mM), H ₂ O: 90 mg/mL(153.9 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7105 mL	8.5526 mL	17.1051 mL
5 mM	0.3421 mL	1.7105 mL	3.421 mL
10 mM	0.1711 mL	0.8553 mL	1.7105 mL
50 mM	0.0342 mL	0.1711 mL	0.3421 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

Zhang L, Fu L, Zhang S, Zhang J, Zhao Y, Zheng Y, He G, Yang S, Ouyang L, Liu B. Discovery of a small molecule targeting ULK1-modulated cell death of triple negative breast cancer in vitro and in vivo. Chem Sci. 2017 Apr 1;8

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