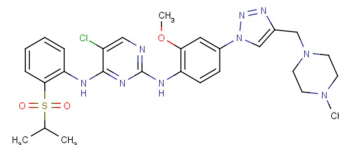


WY-135

Chemical Properties

CAS No.: 2163060-83-9
Formula: C₂₈H₃₄ClN₉O₃S
Molecular Weight: 612.15
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	WY-135 is a dual inhibitor of ALK and ROS1 (IC ₅₀ of 1.4 nM and 1.1 nM, respectively).
Targets(IC ₅₀)	ALK: 1.4 nM ROS1: 1.1 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.634 mL	8.168 mL	16.336 mL
5 mM	0.327 mL	1.634 mL	3.267 mL
10 mM	0.163 mL	0.817 mL	1.634 mL
50 mM	0.033 mL	0.163 mL	0.327 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Wang Y, et al. Discovery of novel 2,4-diarylaminopyrimidine analogues as ALK and ROS1 dual inhibitors to overcome crizotinib-resistant mutants including G1202R. Eur J Med Chem. 2018 Jan 1;143:123-136.

Inhibitors · Natural Compounds · Compound Libraries

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