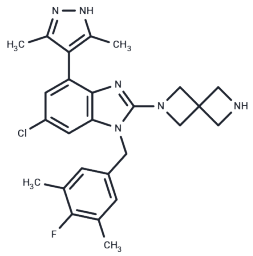
Data Sheet (Cat.No.T204838)

TargetMol

SOS1 activator 2

Chemical Properties



CAS No. : 2245237-54-9

Formula: C26H28ClFN6

Molecular Weight: 478.992

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	SOS1 activator 2 (Compound 65) is a benzothiazole derivative and an activator of SOS1. It demonstrates a high binding affinity for SOS1, with a Kd of 9 nM. By modulating the Ras-ERK signaling pathway, SOS1 activator 2 is suitable for tumor research.
Targets(IC50)	ERK,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0877 mL	10.4386 mL	20.8773 mL
5 mM	0.4175 mL	2.0877 mL	4.1755 mL
10 mM	0.2088 mL	1.0439 mL	2.0877 mL
50 mM	0.0418 mL	0.2088 mL	0.4175 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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