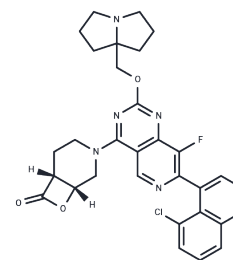


G12Si-5

Chemical Properties

CAS No. : 2946593-46-8
Formula: C₃₁H₂₉ClFN₅O₃
Molecular Weight: 574.05
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	G12Si-5 is a covalent inhibitor of the K-RasG12S mutant with a K _i value of 26 μM. G12Si-5 binds to the S-IIP structural domain and inhibits oncogenic signalling. g12Si-5 reduces ERK phosphorylation levels in KRAS G12S mutant cells.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.742 mL	8.710 mL	17.4201 mL
5 mM	0.3484 mL	1.742 mL	3.484 mL
10 mM	0.1742 mL	0.871 mL	1.742 mL
50 mM	0.0348 mL	0.1742 mL	0.3484 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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