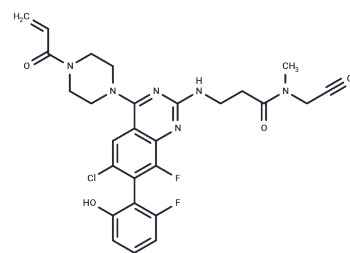


ARS-1323-alkyne

Chemical Properties

CAS No. :	2436544-27-1
Formula:	C ₂₈ H ₂₇ ClF ₂ N ₆ O ₃
Molecular Weight:	569
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	ARS-1323-alkyne is a switch-II pocket (S-IIP) inhibitor and a conformational specific chemical reporter of KRASG12C nucleotide state in living cells.
Targets(IC50)	Ras

Solubility Information

Solubility	DMSO: 35.71 mg/mL (62.76 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7575 mL	8.7873 mL	17.5747 mL
5 mM	0.3515 mL	1.7575 mL	3.5149 mL
10 mM	0.1757 mL	0.8787 mL	1.7575 mL
50 mM	0.0351 mL	0.1757 mL	0.3515 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

Lou K, et al. KRASG12C inhibition produces a driver-limited state revealing collateral dependencies. Sci Signal. 2019 May 28;12(583). pii: eaaw9450.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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