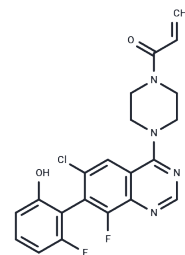


ARS-1630

Chemical Properties

CAS No. : 1698055-86-5
 Formula: C₂₁H₁₇ClF₂N₄O₂
 Molecular Weight: 430.84
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ARS-1630 is a mutant K-ras G12C inhibitor. It is a less active enantiomer of ARS-1620.
Targets(IC50)	Kras

Solubility Information

Solubility	DMSO: 100 mg/mL (232.1 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	2.321 mL	11.6052 mL	23.2105 mL
5 mM	0.4642 mL	2.321 mL	4.6421 mL
10 mM	0.2321 mL	1.1605 mL	2.321 mL
50 mM	0.0464 mL	0.2321 mL	0.4642 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

Liansheng Li, et al. Inhibitors of kras g12c. WO 2015054572 A1.

Janes MR, et al. Targeting KRAS Mutant Cancers with a Covalent G12C-Specific Inhibitor. Cell. 2018 Jan 25;172(3): 578-589.e17.

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