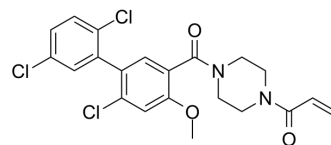


K-Ras G12C-IN-3

Cat. No.:	HY-18606		
CAS No.:	1629268-19-4		
Molecular Formula:	C ₂₁ H ₁₉ Cl ₃ N ₂ O ₃		
Molecular Weight:	453.75		
Target:	Ras		
Pathway:	GPCR/G Protein; MAPK/ERK Pathway		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 30 mg/mL (66.12 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2039 mL	11.0193 mL	22.0386 mL
5 mM	0.4408 mL	2.2039 mL	4.4077 mL
10 mM	0.2204 mL	1.1019 mL	2.2039 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

K-Ras G12C-IN-3 is a novel and irreversible inhibitor of mutant K-ras G12C. IC50 value: Target: K-ras G12C inhibitor For more information, please see the following patent. Heterocyclic compounds as covalent inhibitors of G12C mutant K-Ras protein useful for treating cancers, and preparation thereof By Ren, Pingda; Liu, Yi; Li, Liansheng; Feng, Jun; Wu, Tao From PCT Int. Appl. (2014), WO 2014152588 A1 20140925.

Caution: Product has not been fully validated for medical applications. For research use only.

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