K-Ras G12C-IN-2

Cat. No.: HY-18605

CAS No.: 1629267-75-9

Molecular Formula: $C_{21}H_{27}ClN_4O_3$

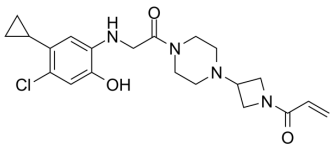
Molecular Weight: 418.92

Target: Ras

Pathway: GPCR/G Protein

Storage:

Powder	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 22 mg/mL (52.52 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions

Concentration \ Solvent \ Mass	1 mg	5 mg	10 mg
1 mM	2.3871 mL	11.9355 mL	23.8709 mL
5 mM	0.4774 mL	2.3871 mL	4.7742 mL
10 mM	0.2387 mL	1.1935 mL	2.3871 mL

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

BIOLOGICAL ACTIVITY

Description

K-Ras G12C-IN-2 is an irreversible covalent K-Ras G12C inhibitor.

IC_{50} & Target

KRas G12C

In Vitro

K-Ras G12C-IN-2 is a covalent kras g12c inhibitor extracted from patent WO2014152588A1, compound V-35[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Pingda Ren, et al. Covalent inhibitors of kras g12c. WO2014152588A1

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

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