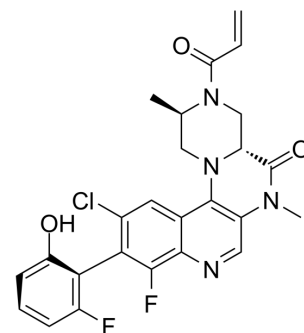


## KRAS G12C inhibitor 15

<b>Cat. No.:</b>	HY-125873
<b>CAS No.:</b>	2349393-21-9
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>21</sub> ClF <sub>2</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	498.91
<b>Target:</b>	Ras
<b>Pathway:</b>	GPCR/G Protein
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 193.33 mg/mL (387.50 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0044 mL	10.0218 mL	20.0437 mL
5 mM	0.4009 mL	2.0044 mL	4.0087 mL
10 mM	0.2004 mL	1.0022 mL	2.0044 mL

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

### BIOLOGICAL ACTIVITY

#### Description

KRAS G12C inhibitor 15 is a potent KRAS G12C inhibitor extracted from patent WO2019110751A1, compound 22, has an IC<sub>50</sub> of 5 nM<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

KRas G12C  
5 nM (IC<sub>50</sub>)

### REFERENCES

[1]. Jason Grant Kettle, et al. Tetracyclic compounds as inhibitors of g12c mutant ras protein, for use as anti-cancer agents. WO2019110751A1.

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

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