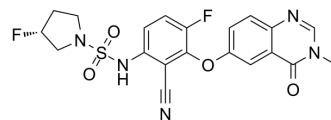


B-Raf IN 2

Cat. No.:	HY-145120
CAS No.:	2649372-20-1
Molecular Formula:	C ₂₀ H ₁₇ F ₂ N ₅ O ₄ S
Molecular Weight:	461.44
Target:	Raf
Pathway:	MAPK/ERK Pathway
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (216.71 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Concentration \ Mass	1 mg	5 mg	10 mg
		1 mM	2.1671 mL	10.8356 mL	21.6713 mL
		5 mM	0.4334 mL	2.1671 mL	4.3343 mL
		10 mM	0.2167 mL	1.0836 mL	2.1671 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.42 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	B-Raf IN 2 is a potent and selective BRAF inhibitor extracted from patent WO2021116055A1, compound Ia. B-Raf IN 2 can be used for the research of cancer ^[1] .
IC₅₀ & Target	BRaf ^{V600E}
In Vitro	B-Raf IN 2 shows considerably less paradoxical activation of the MAPK signaling pathway while retaining high potency ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Dolente C, et, al. New methylquinazolinone derivatives. WO2021116055A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA