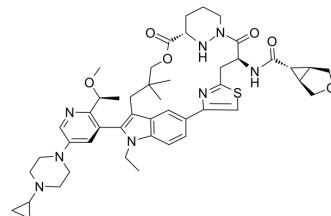


RMC-7977

Cat. No.:	HY-156498		
CAS No.:	2765082-12-8		
Molecular Formula:	C ₄₇ H ₆₀ N ₈ O ₆ S		
Molecular Weight:	865.09		
Target:	Ras		
Pathway:	GPCR/G Protein; MAPK/ERK Pathway		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (144.49 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.1559 mL	5.7797 mL	11.5595 mL
5 mM	0.2312 mL	1.1559 mL	2.3119 mL
10 mM	0.1156 mL	0.5780 mL	1.1559 mL

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

BIOLOGICAL ACTIVITY

Description

RMC-7977 is a reversible, tri-complex RAS inhibitor with broad spectrum activity for both mutant and wild-type (WT) KRAS, NRAS, and HRAS variants. RMC-7977 can lead to tumor regressions and was well tolerated in diverse RAS-addicted preclinical cancer models. RMC-7977 also can inhibit the growth of KRAS^{G12C} cancer models^[1].

REFERENCES

[1]. Singh M, et al. Concurrent inhibition of oncogenic and wild-type RAS-GTP for cancer therapy. Research Square; 2023.

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