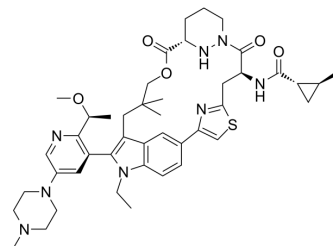


RMC-6236

Cat. No.:	HY-148439
CAS No.:	2765081-21-6
Molecular Formula:	C ₄₄ H ₅₈ N ₈ O ₅ S
Molecular Weight:	811.05
Target:	Ras
Pathway:	GPCR/G Protein; MAPK/ERK Pathway
Storage:	<div>Powder -20°C 3 years</div> <div>In solvent -80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (308.24 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.2330 mL	6.1648 mL	12.3297 mL
	5 mM		0.2466 mL	1.2330 mL	2.4659 mL
	10 mM		0.1233 mL	0.6165 mL	1.2330 mL

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

BIOLOGICAL ACTIVITY

Description	RMC-6236 (Compound A122) is a potent RAS(ON) ^{MULTI} inhibitor and can be used for the research of cancer ^[1] .
IC ₅₀ & Target	KRas G12D
In Vitro	RMC-6236 (Compound A122) (5 days) inhibits cell viability with an IC ₅₀ of 1-10 μM against AsPC-1 (K-Ras G12D) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ethan AHLER, et al. Use of sos1 inhibitors to treat malignancies with shp2 mutations. Patent WO2022060583A1.

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

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