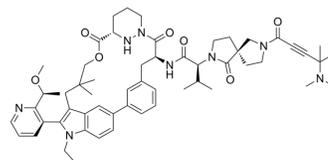


## RMC-4998

Cat. No.:	HY-156671
CAS No.:	2642037-07-6
Molecular Formula:	C <sub>57</sub> H <sub>74</sub> N <sub>8</sub> O <sub>7</sub>
Molecular Weight:	983.25
Target:	Ras
Pathway:	GPCR/G Protein
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



## BIOLOGICAL ACTIVITY

### Description

RMC-4998 is a molecular glue compound with good antitumor activity. RMC-4998 is able to form a ternary complex with CYP4 and an activated KRAS G12C mutant. Furthermore, CYP4 binding to KRAS G12C blocks the interaction between activated KRAS mutants and downstream effector proteins, thereby inhibiting signaling that promotes cell proliferation<sup>[1]</sup>.

## REFERENCES

[1]. Christopher J Schulze, et al. Chemical remodeling of a cellular chaperone to target the active state of mutant KRAS. *Science*. 2023 Aug 18;381(6659):794-799.

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

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