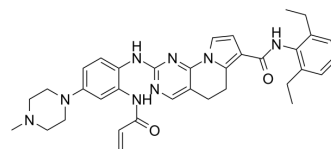


RMS-07

Cat. No.:	HY-144308
CAS No.:	2645409-78-3
Molecular Formula:	C ₃₅ H ₄₀ N ₈ O ₂
Molecular Weight:	604.74
Target:	Mps1
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RMS-07 is a covalent Monopolar Spindle Kinase 1 (MPS1/TTK) inhibitor, with an apparent IC ₅₀ of 13.1 nM. RMS-07 targets a poorly conserved cysteine in the kinase's hinge region ^[1] .
IC ₅₀ & Target	IC ₅₀ 13.1 nM Monopolar Spindle Kinase 1 (MPS1/TTK).

REFERENCES

[1]. Ricardo A M Serafim, et al. Development of the First Covalent Monopolar Spindle Kinase 1 (MPS1/TTK) Inhibitor. J Med Chem. 2022 Feb 24;65(4):3173-3192.

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

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