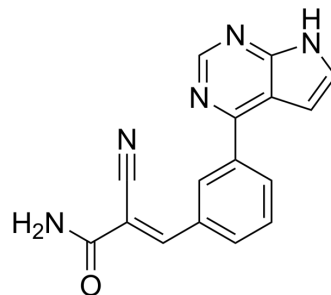


RSK2-IN-2

Cat. No.:	HY-150643
CAS No.:	1637749-78-0
Molecular Formula:	C ₁₆ H ₁₁ N ₅ O
Molecular Weight:	289.29
Target:	Ribosomal S6 Kinase (RSK)
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RSK2-IN-2 (Compound 25) is a reversible covalent inhibitor of the RPS6KA3 (RSK2) kinase. RSK2-IN-2 is also described to inhibit MSK1, MSK2 and RSK3 ^[1] .			
IC₅₀ & Target	RSK2	RSK3	MSK1	MSK2
In Vitro	RSK2-IN-2 (Compound 25) shows strong activity with ERK2-MSK1 cascade pIC ₅₀ of 9.6 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.			

REFERENCES

[1]. Hall A, et al. Discovery and Characterization of a Novel Series of Chloropyrimidines as Covalent Inhibitors of the Kinase MSK1. ACS Med Chem Lett. 2022 Jun 25;13(7):1099-1108.

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

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