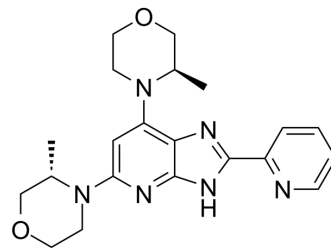


mTOR inhibitor-11

Cat. No.:	HY-154957
CAS No.:	3033409-32-1
Molecular Formula:	C ₂₁ H ₂₆ N ₆ O ₂
Molecular Weight:	394.47
Target:	mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

mTOR inhibitor-11 (Compound 9) is a brain-penetrant mTOR inhibitor (IC₅₀: 21 nM for pS6). mTOR inhibitor-11 also inhibits pCHK1 and PDE4D with IC₅₀s of 17.2 and 17.0 μM. mTOR inhibitor-11 can be used for research of CNS disease^[1].

REFERENCES

[1]. Bonazzi S, et al. Identification of Brain-Penetrant ATP-Competitive mTOR Inhibitors for CNS Syndromes. *J Med Chem.* 2023 Jul 13;66(13):9095-9119.

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

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