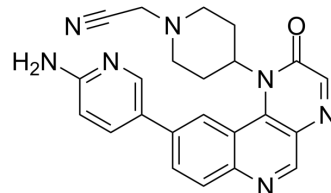


mTOR inhibitor-2

Cat. No.:	HY-111370
CAS No.:	2219323-96-1
Molecular Formula:	C ₂₃ H ₂₁ N ₇ O
Molecular Weight:	411.46
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-2 is a highly potent, selective and oral mTOR inhibitor with an IC ₅₀ of 7 nM. mTOR inhibitor-2 inhibits cellular phosphorylation of mTORC1 (pS6 and p4E-BP1) and mTORC2 (pAKT (S473)) substrates ^[1] .
IC ₅₀ & Target	mTOR 7 nM (IC ₅₀)

REFERENCES

[1]. Guo Q, et al. Highly Selective, Potent, and Oral mTOR Inhibitor for Treatment of Cancer as Autophagy Inducer. J Med Chem. 2018 Feb 8;61(3):881-904.

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

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