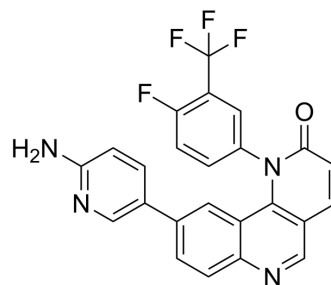


QL-IX-55

Cat. No.:	HY-15281
CAS No.:	1223002-54-7
Molecular Formula:	C ₂₄ H ₁₄ F ₄ N ₄ O
Molecular Weight:	450.39
Target:	mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

QL-IX-55 is a selective ATP-competitive inhibitor of mTORC1/2 with IC₅₀s of 50/50/10-50 nM for Human mTORC1/Yeast mTORC1/Yeast mTORC2, respectively.

REFERENCES

[1]. Akiyoshi-Shibata M, et al. Further oxidation of hydroxycalcidiol by calcidiol 24-hydroxylase. A study with the mature enzyme expressed in Escherichia coli. Eur J Biochem. 1994 Sep 1;224(2):335-43.

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

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