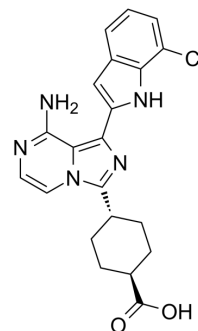


OXA-01

Cat. No.:	HY-111065
CAS No.:	936889-68-8
Molecular Formula:	C ₂₁ H ₂₀ ClN ₅ O ₂
Molecular Weight:	409.87
Target:	mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	OXA-01 is a potent mTORC1 and mTORC2 inhibitor, with IC ₅₀ values of 29 nM and 7 nM, respectively ^[1] .
In Vivo	OXA-01 demonstrated broad anti-tumor activity in several different human xenograft models of various histologies. Furthermore, in GEO and Colo-205 colon xenograft models, OXA-01 demonstrated 100% TGI, whilst rapamycin treatment resulted in only 75% and 53% TGI, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. OXA-01 displays improved anti-tumor activity in comparison to Rapamycin.

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

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