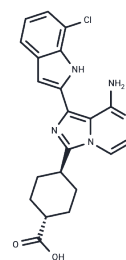


OXA-01

Chemical Properties

CAS No. : 936889-68-8
 Formula: C₂₁H₂₀ClN₅O₂
 Molecular Weight: 409.87
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	OXA-01 is a potent mTORC1 (IC ₅₀ : 29 nM) and mTORC2 (IC ₅₀ : 7 nM) inhibitor, demonstrating broad anti-tumor activity [1].
Targets(IC ₅₀)	Others, mTOR
In vivo	OXA-01 exhibited extensive anti-tumor efficacy across multiple human xenograft models with diverse histologies. Specifically, in GEO and Colo-205 colon xenograft models, OXA-01 achieved 100% tumor growth inhibition (TGI), outperforming rapamycin, which achieved 75% and 53% TGI, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4398 mL	12.199 mL	24.398 mL
5 mM	0.488 mL	2.4398 mL	4.8796 mL
10 mM	0.244 mL	1.2199 mL	2.4398 mL
50 mM	0.0488 mL	0.244 mL	0.488 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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