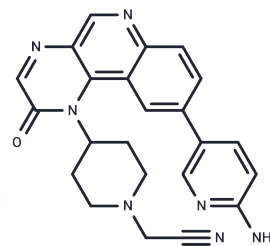


## mTOR inhibitor-2

## Chemical Properties

CAS No. :	2219323-96-1
Formula:	C <sub>23</sub> H <sub>21</sub> N <sub>7</sub> O
Molecular Weight:	411.46
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	mTOR inhibitor-2 is an inhibitor of selective and oral mTOR (IC <sub>50</sub> of 7 nM).
Targets(IC <sub>50</sub> )	mTOR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4304 mL	12.1518 mL	24.3037 mL
5 mM	0.4861 mL	2.4304 mL	4.8607 mL
10 mM	0.243 mL	1.2152 mL	2.4304 mL
50 mM	0.0486 mL	0.243 mL	0.4861 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.

## Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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