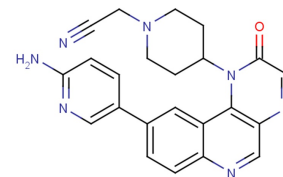


## mTOR inhibitor-2

**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
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**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: 7 nM

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.43 mL	12.152 mL	24.304 mL
5 mM	0.486 mL	2.43 mL	4.861 mL
10 mM	0.243 mL	1.215 mL	2.43 mL
50 mM	0.049 mL	0.243 mL	0.486 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

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.

Inhibitors · Natural Compounds · Compound Libraries

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