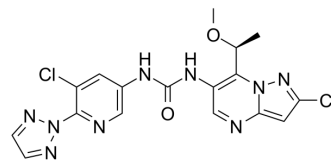


MLT-985

Cat. No.:	HY-142648		
CAS No.:	1832576-25-6		
Molecular Formula:	C ₁₇ H ₁₅ Cl ₂ N ₉ O ₂		
Molecular Weight:	448.27		
Target:	MALT1		
Pathway:	Metabolic Enzyme/Protease; NF-κB		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (223.08 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2308 mL	11.1540 mL	22.3080 mL
5 mM	0.4462 mL	2.2308 mL	4.4616 mL
10 mM	0.2231 mL	1.1154 mL	2.2308 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

MLT-985 is a highly selective allosteric MALT1 inhibitor with an IC₅₀ value of 3 nM.

REFERENCES

[1]. Quancard J, et al. Optimization of the In Vivo Potency of Pyrazolopyrimidine MALT1 Protease Inhibitors by Reducing Metabolism and Increasing Potency in Whole Blood. J Med Chem. 2020 Dec 10;63(23):14594-14608.

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

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