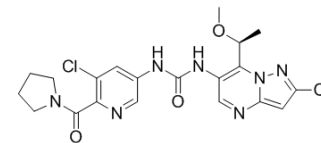


MLT-747

Cat. No.:	HY-124587
CAS No.:	2097853-86-4
Molecular Formula:	C ₂₀ H ₂₁ Cl ₂ N ₇ O ₃
Molecular Weight:	478.33
Target:	MALT1
Pathway:	Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	MLT-747 is a potent, selective, allosteric inhibitor of MALT1 , binds MALT1 in the allosteric Trp580 pocket, with an IC ₅₀ of 14 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 14 nM (MALT1) ^[1]
In Vitro	MLT-747 (0-20 μM) stabilizes cellular MALT1-W580S with an EC ₅₀ of 314 nM ^[1] .

REFERENCES

[1]. Quancard J, et al. An allosteric MALT1 inhibitor is a molecular corrector rescuing function in an immunodeficient patient. Nat Chem Biol. 2019 Mar;15(3):304-313.

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

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