

Product Name	: MLT-747
Synonyms	: MLT747; MLT 747
Cat No.	: M13311
CAS Number	: 2097853-86-4
Molecular Formula	: C ₂₀ H ₂₁ Cl ₂ N ₇ O ₃
Formula Weight	: 478.33
Chemical Name	: (S)-1-(5-chloro-6-(pyrrolidine-1-carbonyl)pyridin-3-yl)-3-(2-chloro-7-(1-methoxyethyl)pyrazolo[1,5-a]pyrimidin-6-yl)urea
Description	: MLT-747 (MLT747) is a potent, selective, allosteric inhibitor of MALT1 paracaspase with IC ₅₀ of 14 nM; binds MALT1 in the allosteric Trp580 pocket, reversibly binds and stabilizes human mutant MALT1-W580S in vitro and in MALT1mut/mut B cells, inhibits MALT1 peptide cleavage.
Pathway	: Apoptosis
Target	: Caspase
Receptor	: Caspase
Solubility	: —
SMILES	: <chem>O=C(NC1=CC(Cl)=C(C(N2CCCC2)=O)N=C1)NC3=C([C@@H](OC)C)N4C(N=C3)=CC(Cl)=N4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Quancard J, et al. Nat Chem Biol. 2019 Jan 28. doi: 10.1038/s41589-018-0222-1.