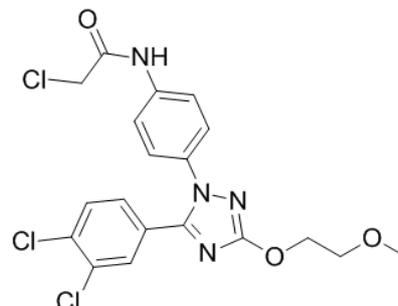


Product Name : MALT1 inhibitor MI-2
Cat. No. : PC-42938
CAS No. : 1047953-91-2
Molecular Formula : C₁₉H₁₇Cl₃N₄O₃
Molecular Weight : 455.7223
Target : MALT1
Solubility : DMSO: ≥ 46 mg/mL



Biological Activity

MALT1 inhibitor MI-2 is a selective, irreversible **MALT1 paracaspase** inhibitor with IC₅₀ of 5.84 μM, displays little activity against the related caspase family members caspase-3, -8, and -9.

MALT1 inhibitor MI-2 inhibits cleavage of MALT1 substrates, which is accompanied by NF-κB reporter activity suppression, c-REL nuclear localization inhibition, and NF-κB target gene downregulation.

MALT1 inhibitor MI-2 specifically suppresses ABC-DLBCL in vitro and in vivo.

MALT1 inhibitor MI-2 exhibits GI 50 of 0.2, 0.5, 0.4, and 0.4 μM for HBL-1, TMD8, OCI-Ly3, and OCI-Ly10 cells respectively, inhibits nuclear translocation of RelB and p50, and decreases Bcl-xL levels in CLL cells.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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