

Product Information

MALT inhibitor MI 2, Purity ≥98%

Cat. No.: X23-10-ZQ565

Size: 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD19754074

CAS Number: 1047953-91-2

Compound CID: 45942672

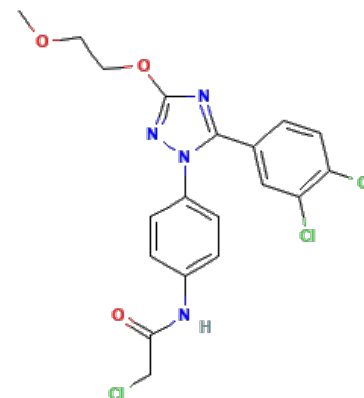
Synonym: 1047953-91-2; MI 2 MALT1 inhibitor; MI 2 (MALT1 inhibitor); MI-2 (MALT1 inhibitor);

2-Chloro-*N*

-(4-(5-(3,4-dichlorophenyl)-3-(2-met

hoxyethoxy)-1*H*-1,2,4-triazol-1-yl)phenyl)acetamide; MALT inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	MI 2, soluble in DMSO and ethanol and insoluble in water, is a MALT inhibitor. It targets MALT1.
Molecular Weight	455.72
Molecular Formula	C ₁₉ H ₁₇ Cl ₃ N ₄ O ₃
Targets	MALT1: 5.84 μM
IUPAC Name	2-Chloro- <i>N</i> -[4-[5-(3,4-dichlorophenyl)-3-(2-methoxyethoxy)-1,2,4-triazol-1-yl]phenyl]acetamide
InChI	InChI=1S/C19H17Cl3N4O3/c1-28-8-9-29-19-24-18(12-2-7-15(21)16(22)10-12)26(25-19)14-5-3-13(4-6-14)23-17(27)11-20/h2-7,10H,8-9,11H2,1H3,(H,23,27)
InChI Key	TWJGQZBSEMDPQP-UHFFFAOYSA-N
Canonical SMILES	COCCOC1=NN(C(=N1)C2=CC(=C(C=C2)Cl)Cl)C3=CC=C(C=C3)NC(=O)CCl
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 77 mg/mL (168.96 mM); Water: Insoluble; Ethanol: 77 mg/mL (168.96 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	MI 2 can be used to investigate its role as a menin-MLL interaction inhibitor in leukemia research.



Storage

Store at -20°C.
