

Product Information

MALT inhibitor MLT-748, Purity ≥98%

Cat. No.: X23-10-ZQ688

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 1832578-30-9

Compound CID: 129072285

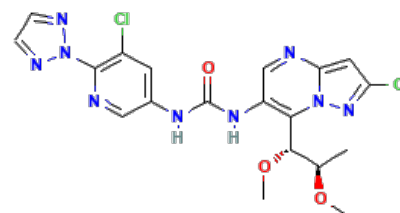
Synonym: MLT-748; 1832578-30-9;

1-[2-Chloro-7-[(1*R*,2*R*

)-1,2-dimethoxypropyl]pyrazolo[1,5-*a*]pyrimidin-6-yl]-3-[5-chloro-6-(triazol-2-yl)pyridin-3-yl]urea; SCHEMBL18787707; MLT 748; US9815842, Example 98; BDBM355974;

MALT inhibitor

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



Product Information

Description	MLT-748, soluble in DMSO and ethanol and insoluble in water, is a MALT inhibitor.
Molecular Weight	492.32
Molecular Formula	C ₁₉ H ₁₉ Cl ₂ N ₉ O ₃
IUPAC Name	1-[2-Chloro-7-[(1 <i>R</i> ,2 <i>R</i>)-1,2-dimethoxypropyl]pyrazolo[1,5- <i>a</i>]pyrimidin-6-yl]-3-[5-chloro-6-(triazol-2-yl)pyridin-3-yl]urea
InChI	InChI=1S/C19H19Cl2N9O3/c1-10(32-2)17(33-3)16-13(9-22-15-7-14(21)28-29(15)16)27-19(31)26-11-6-12(20)18(23-8-11)30-24-4-5-25-30/h4-10,17H,1-3H3,(H2,26,27,31)/t10-,17+/m1/s1
InChI Key	XKQLNDPUQSZBJW-QGHHPUFGSA-N
Canonical SMILES	CC(C(C1=C(C=NC2=CC(=NN21)Cl)NC(=O)NC3=CC(=C(N=C3)N4N=CC=N4)Cl)OC)OC
Isomeric SMILES	C[C@H]([C@@H](C1=C(C=NC2=CC(=NN21)Cl)NC(=O)NC3=CC(=C(N=C3)N4N=CC=N4)Cl)OC)OC
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 88 mg/mL (178.74 mM); Water: Insoluble; Ethanol: 9 mg/mL (18.28 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	MLT-748 can be studied for its inhibitory effects on specific cellular targets, useful in elucidating



pathways involved in disease pathology.

Storage

Store at -20°C.
