



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MLT-748

Chemical Properties

CAS No. : 1832578-30-9

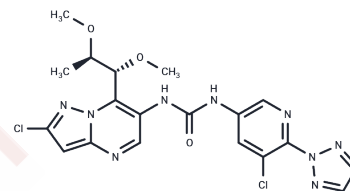
Formula: C₁₉H₁₉Cl₂N₉O₃

Molecular Weight: 492.32

Appearance: no data available

Storage: store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	MLT-748 is a MALT1 allosteric inhibitor that inhibits the growth of lung cancer cells. MLT-748 acts by blocking the protein hydrolyzing activity of MALT1.
Targets(IC ₅₀)	MALT
In vitro	In immortalized B cells from MALT1 mut/mut patients, MLT-748 (2 μM; 24 hours) increased phosphorylation levels of NF-κB signaling pathway components p65 and IκBα as early as 5 minutes after stimulation with PMA and ionomycin.

Solubility Information

Solubility	DMSO: 250 mg/mL (507.80 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0312 mL	10.156 mL	20.312 mL
5 mM	0.4062 mL	2.0312 mL	4.0624 mL
10 mM	0.2031 mL	1.0156 mL	2.0312 mL
50 mM	0.0406 mL	0.2031 mL	0.4062 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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