

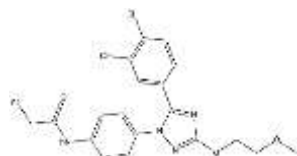
# MALT1 Inhibitor, MI-2

**ALTERNATE NAME:** MI-2  
2-chloro-N-(4-(5-(3,4-dichlorophenyl)-3-(2-methoxyethoxy)-1H-1,2,4-triazol-1-yl)phenyl)acetamide

**CATALOG #:** B2368-25  
B2368-5

**AMOUNT:** 25 mg  
5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>19</sub> H<sub>17</sub> Cl<sub>3</sub> N<sub>4</sub> O<sub>3</sub>

**MOLECULAR WEIGHT:** 455.72

**CAS NUMBER:** 1047953-91-2

**APPEARANCE:** Off-white solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >5 mg/ml (EtOH)  
>40 mg/ml (DMSO)

**REFERENCES:** Fontan, L., et al. (2012). Cancer Res. 22, 812-824

**DESCRIPTION:** MALT1 inhibitor MI-2 is a potent inhibitor of the paracaspase MALT1 (Mucosa-associated-lymphoid-tissue lymphoma-translocation gene 1) (IC<sub>50</sub> = 5.84 μM). MI-2 binds directly to MALT1 and irreversibly suppresses protease function. Inhibits cell proliferation and MALT1-mediated cleavage activity. Suppresses human TMD8 and HBL-1 activated B cell-like diffuse large B cell lymphoma (ABC-DLBCL) tumor xenografts in mice and primary human ABC-DLBCLs ex vivo.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Caspase family Inhibitor, Z-VAD-FMK (1010)  
Z-VAD-FMK (1140)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*