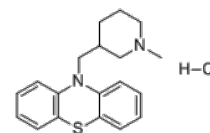


**Product Name** : Mepazine  
**Cat. No.** : PC-49478  
**CAS No.** : 2975-36-2  
**Molecular Formula** : C<sub>19</sub>H<sub>23</sub>ClN<sub>2</sub>S  
**Molecular Weight** : 346.92  
**Target** : MALT1  
**Solubility** : 10 mM in DMSO



### Biological Activity

Mepazine is a potent, selective **MALT1 paracaspase** inhibitor with IC<sub>50</sub> of 0.83  $\mu$ M.

Mepazine (5  $\mu$ M) inhibited cellular MALT1 cleavage activity and significantly reduced IL-2 induction in T cells, impaired MALT1-mediated T cell activation.

Mepazine inhibited anti-apoptotic NF- $\kappa$ B signaling and elicit toxic effects selectively on MALT1-dependent ABC-DLBCL cells in vitro and in vivo.

### References

Nagel D, et al. **Cancer Cell**. 2012 Dec 11;22(6):825-37.

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

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