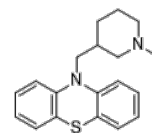


**Product Name** : Mepazine  
**Cat. No.** : PC-25811  
**CAS No.** : 60-89-9  
**Molecular Formula** : C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>S  
**Molecular Weight** : 310.46  
**Target** : MALT1  
**Solubility** : 10 mM in DMSO



### Biological Activity

Mepazine (Pecazine) 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!**

E-mail: tech@probechem.com