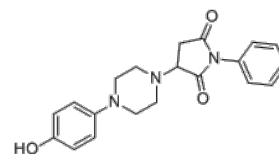


**Product Name** : Malic Enzyme inhibitor ME1  
**Cat. No.** : PC-35817  
**CAS No.** : 522649-59-8  
**Molecular Formula** : C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 351.406  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

Malic Enzyme inhibitor ME1 (ME1) is a small molecule inhibitor of **Malic Enzyme (ME1)** with IC<sub>50</sub> of 0.15 μM. ME1 suppresses growth of human CRC cells in vitro, with little effect on normal rat intestinal epithelial cells.

### References

Zhang YJ, et al. *Bioorg Med Chem Lett*. 2006 Feb;16(3):525-8.

Fernandes LM, et al. *Sci Rep*. 2018 Sep 24;8(1):14268.

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

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