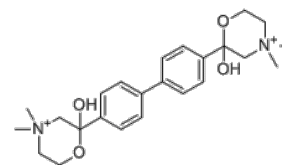


**Product Name** : Hemicholinium-3  
**Cat. No.** : PC-60867  
**CAS No.** : 312-45-8  
**Molecular Formula** : C<sub>24</sub>H<sub>34</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 574.35  
**Target** : Choline Kinase (ChoK)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Hemicholinium-3 (HC-3) is a competitive, small molecule inhibitor of choline kinase (**ChoK**) with ex vivo IC<sub>50</sub> of 500 uM, also blocks the sodium and chloride-dependent transport system and affects choline acetyltransferase.

## References

Hernández-Alcoceba R, et al. *Oncogene*. 1997 Nov 6;15(19):2289-301.

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

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