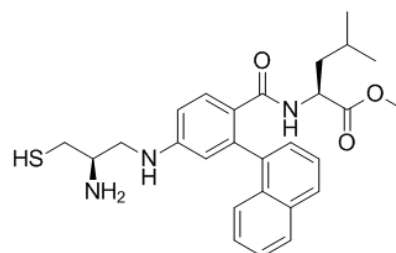


**Product Name** : GGTI298  
**Cat. No.** : PC-42281  
**CAS No.** : 180977-44-0  
**Molecular Formula** : C<sub>27</sub>H<sub>33</sub>N<sub>3</sub>O<sub>3</sub>S  
**Molecular Weight** : 479.63422  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

GGTI298 (GGTI-298) is a CAAZ peptidomimetic geranylgeranyltransferase I (**GGTase I**) inhibitor that inhibits the processing of geranylgeranylated Rap1A with little effect on processing of farnesylated Ha-Ras (IC<sub>50</sub>s are 3 and >10 μM respectively). GGTI298 induces G<sub>0</sub>-G<sub>1</sub> block and apoptosis in A549 cells.

## References

- McGuire TF, et al. *J Biol Chem*. 1996 Nov 1;271(44):27402-7.  
Miquel K, et al. *Cancer Res*. 1997 May 15;57(10):1846-50.  
Vogt A, et al. *J Biol Chem*. 1997 Oct 24;272(43):27224-9.

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

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