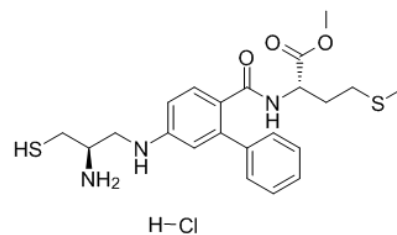


**Product Name** : FTI-277 hydrochloride  
**Cat. No.** : PC-44767  
**CAS No.** : 180977-34-8  
**Molecular Formula** : C<sub>22</sub>H<sub>30</sub>ClN<sub>3</sub>O<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 484.0749  
**Target** : Farnesyl transferase (FTase)  
**Solubility** : DMSO: ≥ 4.7 mg/mL



## Biological Activity

A peptide mimetic of the C-terminal Cys-Val-Ile-Met of K-Ras4B that potently inhibits FTase (Farnesyltransferase) with IC<sub>50</sub> of 0.5 nM; highly selective for FTase over GGTase I (IC<sub>50</sub> = 50 nM); extremely potent (IC<sub>50</sub>=100 nM) at inhibiting H-Ras in whole cells; blocks Ras oncogenic signaling by accumulating inactive Ras/Raf complexes in the cytoplasm.

## References

- Lerner EC, et al. J Biol Chem. 1995 Nov 10;270(45):26802-6.  
Bernhard EJ, et al. Cancer Res. 1996 Apr 15;56(8):1727-30.  
Bolick SC, et al. Leukemia. 2003 Feb;17(2):451-7.

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

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