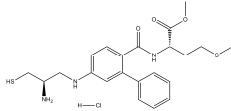


PRODUCT: FTI-277 hydrochloride**ALTERNATE NAME:** *N*-[4-[2(*R*)-Amino-3-mercaptopropyl]amino-2-phenylbenzoyl]methionine methyl ester hydrochloride**CATALOG #:** 2874-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₂₉N₃O₃S₂.HCl**MOLECULAR WEIGHT:** 484.07**CAS NUMBER:** 180977-34-8**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>50 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** FTI-277 is a potent and selective farnesyltransferase (FTase) inhibitor (IC₅₀ = 0.5 nM). It potently inhibits (IC₅₀ = 100 nM) H-Ras, but not the geranylgeranylated Rap1A processing in whole cells. FTI-277 blocks constitutive activation of mitogen-activated protein kinase (MAPK) in H-RasF, but not H-RasGG, or Raf-transformed cells.**REFERENCES:** Mazzocca, A., *et al.* (2003). *Mol. Pharmacol.* **63**, 159-166.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

FTI-277 hydrochloride (Cat. No. 2874-5, 25)

Manumycin A (Cat. No. 2333-1,5)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**