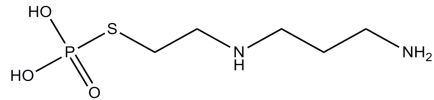


RELATED PRODUCTS:

NSC-146109 hydrochloride (Cat. No. 1907-5)

PRIMA-1 (Cat. No. 2170-5, 25)

PRODUCT: Amifostine**ALTERNATE NAME:** S-2(3-Aminopropylamino)-ethylphosphothioic acid; WR2721**CATALOG #:** 2377-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₅H₁₅N₂O₃PS**MOLECULAR WEIGHT:** 214.22**CAS NUMBER:** 20537-88-6**APPEARANCE:** White solid**SOLUBILITY:** H₂O (1 g/ml)**PURITY:** ≥98% by TLC**STORAGE:** At +4° C. Protect from light and moisture**DESCRIPTION:** Cell-permeable. A broad spectrum radio- and chemoprotective agent. Prevents chemotherapy-induced apoptosis, upregulates HIF-1α and restores transcriptional activity in specific p53 mutants.**REFERENCE:** Capizzi, R.L., and Oster, W. (2000). *Int. J. Hematol.* **72**, 425-435.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** ***FOR RESEARCH CH USE ONLY! Not to be used in humans***