

**PRODUCT: Kevetrin hydrochloride****ALTERNATE NAME:** 3-cyanopropyl carbamimidothioate hydrochloride**CATALOG #:** B1068-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>5</sub>H<sub>10</sub>ClN<sub>3</sub>S**MOLECULAR WEIGHT:** 179.67**CAS NUMBER:** 66592-89-0**APPEARANCE:** White to off-white solid**SOLUBILITY:** H<sub>2</sub>O**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture

**DESCRIPTION:** Kevetrin is a water-soluble, small molecule activator of the tumor suppressor protein p53, with potential antineoplastic activity. p53 functions by activating proteins that repair DNA and kill cells that have genetic mutations such as in cancers. Research experiments show that when cancer cells are treated with Kevetrin, it activates p53 which induces p21, a protein that inhibits cancer cell growth. p53 also induces PUMA (p53 up-regulated modulator of apoptosis), a protein that causes tumor cell death.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

GN25 (Cat. No. 9430-5, 25)  
Kevetrin HCl (Cat. No. B1068-10, 50)  
NSC146109 hydrochloride (Cat. No. 1907-5)  
NSC-59984 (Cat. No. B1052-5, 25)  
Nutlin-3 (Cat. No. 1842-1, 5)  
PRIMA-1 (Cat. No. 2170-5, 25)  
PRIMA-1 MET (Cat. No. 9485-5, 25)  
RITA (Cat. No. 2469-5, 25)  
STIMA-1 (9437-10,50)  
Tenovin-1 (Cat. No. 9400-5, 25)

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