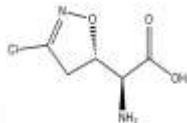


PRODUCT: Acivicin**ALTERNATE NAME:** (2S)-2-amino-2-[(5S)-3-chloro-4,5-dihydro-1,2-oxazol-5-yl]acetic acid; Antibiotic AT-125; NSC 163501; U42126**CATALOG #:** B1028-1,5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₅H₇ClN₂O₃**MOLECULAR WEIGHT:** 178.57**CAS NUMBER:** 42228-92-2**APPEARANCE:** White to off-white solid**SOLUBILITY:** H₂O (~10 mg/ml after warming)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and moisture**DESCRIPTION:** Acivicin is an antibiotic that inhibits γ -glutamyl transpeptidase (γ -GT), an enzyme involved in transferring γ -glutamyl groups in the cell membranes of kidneys, heart, brain, and pancreas. Acivicin is a potent antitumor agent that induces apoptosis in human lymphoblastoid cells. Also displays antimicrobial activities.**REFERENCES:** Williams, K., *et al.* (2009). *Biochemistry* **48**, 2459-2467.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Gamma Glutamyl Transferase (GGT) Activity Colorimetric Assay Kit (**K784**)Gamma Glutamyl Transferase (GGT) Activity Fluorometric Assay Kit (**K785**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*