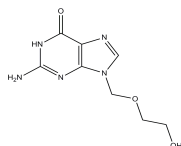


**PRODUCT: Acyclovir****ALTERNATE NAME:** 2-Amino-1,9-dihydro-9-((2-hydroxyethoxy)methyl)-6H-purin-6-one; Aciclovir**CATALOG #:** 2200-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>8</sub>H<sub>11</sub>N<sub>5</sub>O<sub>3</sub>**MOLECULAR WEIGHT:** 225.21**CAS NUMBER:** 59277-89-3**APPEARANCE:** White solid**SOLUBILITY:** DMSO (20 mM)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Acyclovir is an antiviral agent with activity against herpesvirus types 1 and 2 and varicella zoster virus. Acyclovir is converted by a herpesvirus enzyme into acyclovir triphosphate) that inhibits the synthesis of deoxyribonucleic acid (DNA) molecules in the virally infected cells, thereby inhibiting viral replication.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

5-Azacytidine (Cat. No. 1854-50, 250)

Ribavirin (Cat. No. 2199-10, 50)

Valacyclovir Hydrochloride (Cat. No. 2201)

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