

## Valacyclovir hydrochloride

Catalog No: #S1087

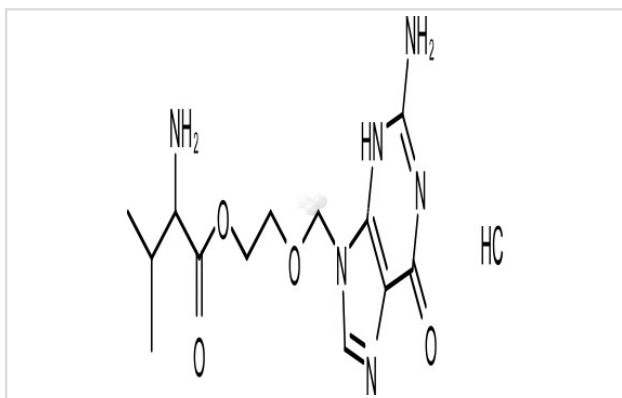
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## Description

Product Name	Valacyclovir hydrochloride
Brief Description	Inhibitors
Purification	99.50%
Target Name	DNA/RNA Synthesis agonist
Calculated MW	360.8
Formulation	C <sub>13</sub> H <sub>20</sub> N <sub>6</sub> O <sub>4</sub> HCl·H <sub>2</sub> O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Immunology  
 SMILES: CC(C)[C@@H](C(=O)OCCOCN1C=NC2=C1NC(=NC2=O)N)N  
 Pathways: DNA Damage/DNA Repair  
 Receptor: DNA polymerase  
 Boiling pt: 588.4°C  
 Melting pt: 170-172°C  
 Solubility: Water: 72 mg/mL (199.55 mM); DMSO: 14 mg/mL (38.8 mM)  
 Appearance: White Powder  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Teh BS, et al. Int J Radiat Oncol Biol Phys. 2004 Apr 1;58(5):1520-9.

Note: This product is for in vitro research use only