

## Product Information

### Acyclovir, MW 225.2, ≥97%

**Cat. No.:** X24-04-XQ055

**Size:** 1 g; 5 g; 25 g; 100 g; 500 g

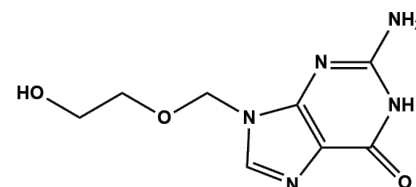
**MDL:** MFCD00057880

**CAS Number:** 59277-89-3

**Compound CID:** 135398513

**Synonym:** 59277-89-3; Acyclovir; Aciclovir; Acycloguanosine; Zovirax; Virorax; Vipral

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	Acyclovir is a synthetic purine nucleoside analog with viral DNA polymerase inhibition properties, possessing an acyclic side chain structurally similar to deoxyguanosine. Acyclovir is a high-quality product with a molecular weight of 225.2 and a high purity level of ≥97%.
<b>Molecular Weight</b>	225.2
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>11</sub> N <sub>5</sub> O <sub>3</sub>
<b>IUPAC Name</b>	2-Amino-9-(2-hydroxyethoxymethyl)-1 <i>H</i> -purin-6-one
<b>InChI</b>	InChI=1S/C8H11N5O3/c9-8-11-6-5(7(15)12-8)10-3-13(6)4-16-2-1-14/h3,14H,1-2,4H2,(H3,9,11,12,15)
<b>InChI Key</b>	MKUXAQIIEYXACX-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1=NC2=C(N1COCCO)N=C(NC2=O)N
<b>Form</b>	White to light yellow crystal or powder
<b>Purity</b>	≥97%
<b>Applications</b>	Acyclovir with the molecular weight of 225.2 and a purity greater than 97% can be used for the study of herpes simplex virus replication mechanisms.
<b>Storage</b>	Store at 4°C.