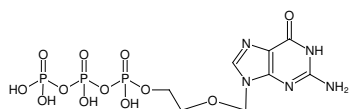




## Acyclovir-5'-triphosphate

Triethylammonium salt

Cat. No.	Amount
NU-877	2 mg



Structural formula of Acyclovir-5'-triphosphate

### For general laboratory use.

**Shipping:** shipped on gel packs

**Storage Conditions:** store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

**Shelf Life:** 12 months after date of delivery

**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub> (free acid)

**Molecular Weight:** 465.14 g/mol (free acid)

**Exact Mass:** 464.99 g/mol (free acid)

**CAS#:** 66341-18-2

**Purity:** ≥ 95 % (HPLC)

**Form:** solid

**Color:** white to off-white

**Spectroscopic Properties:** λ<sub>max</sub> 252 nm, ε 13.7 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)

### Selected References:

Keller *et al.* (2008) Interaction of Herpes Primase with the Sugar of a NTP. *Biochemistry* **47** (34):8977.

Hanes *et al.* (2007) Enzymatic Therapeutic Index of Acyclovir: Viral versus human polymerase γ specificity. *Journal of Biological Chemistry* **282** (34):25159.

Huang *et al.* (1999) The enzymological basis for resistance of herpesvirus DNA polymerase mutants to acyclovir: relationship to the structure of α-like DNA polymerases. *Proceedings of the National Academy of Sciences of the United States of America* **96** (2):447.