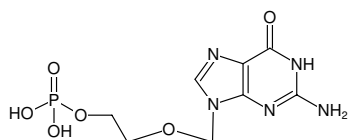




Acyclovir-5'-monophosphate

Triethylammonium salt

Cat. No.	Amount
NU-876	2 mg



Structural formula of Acyclovir-5'-monophosphate

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: C₈H₁₂N₅O₆P (free acid)

Molecular Weight: 305.19 g/mol (free acid)

Exact Mass: 305.05 g/mol (free acid)

CAS#: 66341-16-0

Purity: ≥ 95 % (HPLC)

Form: solid

Color: white to off-white

Selected References:

Gentry *et al.* (2011) Phosphorylation of antiviral and endogenous nucleotides to di- and triphosphates by guanosine monophosphate kinase. *Biochemical Pharmacology* **81** (1):43.

Turel *et al.* (1996) The crystal structure and characterization of a copper (II) complex with a guanosine-5'-monophosphate analog (acyclovir monophosphate). *Journal of Inorganic Biochemistry* **63** (1):41.

Ponzetto *et al.* (1996) Adenine arabinoside monophosphate and acyclovir monophosphate coupled to lactosaminated albumin reduce woodchuck hepatitis virus viremia at doses lower than do the unconjugated drugs. *Hepatology* **14** (1):16.