

Ganciclovir triphosphate disodium

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Ganciclovir triphosphate (GCV-TP) disodium is a synthetic analog of 2'-deoxyguanosine known for its ability to inhibit the replication of human cytomegalovirus (CMV). It works by binding to viral DNA polymerase, disrupting viral DNA synthesis, and is effective against CMV strains from humans, monkeys, rodents, and guinea pigs, with an IC50 of 0.01 μ M. Additionally, Ganciclovir triphosphate disodium is utilized in gene-directed enzyme prodrug therapy for cancer inhibition.
Targets(IC50)	DNA/RNA Synthesis,Virus Protease

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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