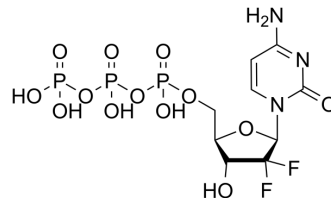


Gemcitabine triphosphate

Cat. No.:	HY-17026A
CAS No.:	110988-86-8
Molecular Formula:	C ₉ H ₁₄ F ₂ N ₃ O ₁₃ P ₃
Molecular Weight:	503.14
Target:	Endogenous Metabolite; Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Gemcitabine triphosphate (dFdCTP) is one of the two nucleoside metabolites of Gemcitabine (HY-17026) in cells. The other is active diphosphate (dFdDTP). Gemcitabine triphosphate can be used as a standard in radio-labeled probe imaging studies, to identify tumors sensitive to Gemcitabine, and to evaluate Gemcitabine uptake and retention by cells^{[1][2]}.

REFERENCES

[1]. Shewach DS, et al. Gemcitabine and radiosensitization in human tumor cells. Invest New Drugs. 1996;14(3):257-63.

Caution: Product has not been fully validated for medical applications. For research use only.

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