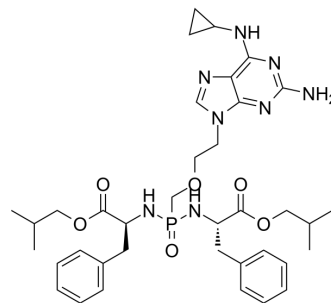


GS-9191

Cat. No.:	HY-119151
CAS No.:	859209-84-0
Molecular Formula:	C ₃₇ H ₅₁ N ₈ O ₆ P
Molecular Weight:	734.82
Target:	Apoptosis; HPV; DNA/RNA Synthesis
Pathway:	Apoptosis; Anti-infection; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GS-9191 is the prodrug of the nucleotide analog PMEG. GS-9191 is a topical agent to permeate skin and be metabolized to the active nucleoside triphosphate analog in the epithelial layer. GS-9191 inhibits NA synthesis, arrests cell in S phase, and induces cell apoptosis. GS-9191 can be used for research of human papillomaviruses (HPV) infection^[1].

REFERENCES

[1]. Wolfgang GH, et al. GS-9191 is a novel topical prodrug of the nucleotide analog 9-(2-phosphonylmethoxyethyl)guanine with antiproliferative activity and possible utility in the treatment of human papillomavirus lesions. *Antimicrob Agents Chemother.* 2009 Jul;53(7):2777-84.

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

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