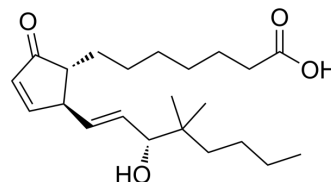


16,16-Dimethyl prostaglandin A1

Cat. No.:	HY-116758
CAS No.:	41692-24-4
Molecular Formula:	C ₂₂ H ₃₆ O ₄
Molecular Weight:	364.52
Target:	DNA/RNA Synthesis; HIV; HSV
Pathway:	Cell Cycle/DNA Damage; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

16,16-Dimethyl prostaglandin A1 (di-Me-PGA1) is a prostaglandin analog that can inhibit DNA synthesis in Lewis lung carcinoma and B 16 amelanotic melanoma cells. 16,16-Dimethyl prostaglandin A1 also inhibits viral replication in both HSV and HIV-1 infection systems^{[1][2]}.

REFERENCES

[1]. K V Honn, et al. Prostaglandin analogs as inhibitors of tumor cell DNA synthesis. Proc Soc Exp Biol Med. 1981 Apr;166(4):562-7.

[2]. M Hughes-Fulford, et al. Effects of dimethyl prostaglandin A1 on herpes simplex virus and human immunodeficiency virus replication. Antimicrob Agents Chemother. 1992 Oct;36(10):2253-8.

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

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