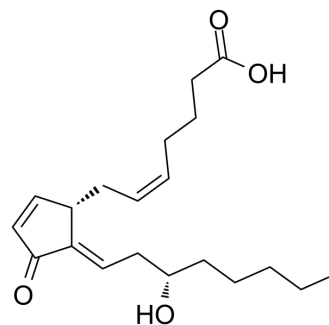


Delta-12-Prostaglandin J2

Cat. No.:	HY-113505
CAS No.:	87893-54-7
Molecular Formula:	C ₂₀ H ₃₀ O ₄
Molecular Weight:	334.45
Target:	Endogenous Metabolite; Apoptosis
Pathway:	Metabolic Enzyme/Protease; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Delta-12-Prostaglandin J2 (Δ 12-PGJ2) is a cyclopentenone prostaglandin (PG) with anti-proliferative effect on various tumor cell growth. Delta-12-Prostaglandin J2, a naturally occurring dehydration product of prostaglandin D2, is able to induce apoptosis in HeLa cells via caspase activation ^{[1][2]} .
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IC₅₀ & Target	Human Endogenous Metabolite
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REFERENCES

[1]. Kim BE, et al. Involvement of Sox-4 in the cytochrome c-dependent AIF-independent apoptotic pathway in HeLa cells induced by Delta12-prostaglandin J2. *Exp Mol Med.* 2004;36(5):444-453.

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

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