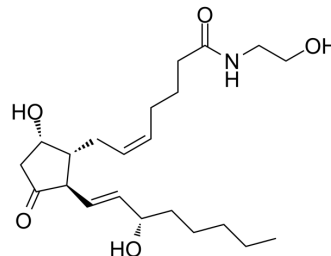


PGD2 ethanolamide

Cat. No.:	HY-113264
CAS No.:	398138-28-8
Molecular Formula:	C ₂₂ H ₃₇ NO ₅
Molecular Weight:	395.53
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PGD2 ethanolamide is the COX-2 dependent metabolite of Anandamide that induces apoptosis in colorectal carcinoma (CRC) cells ^[1] .	
In Vitro	PGD2 ethanolamide (1-10 μM; 72 hours) reduces cell growth and induces cell death in CRC cell lines ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Viability Assay ^[1]	
	Cell Line:	SW480, HT29, and HCA7/C29 cells
	Concentration:	1 μM, 10 μM
	Incubation Time:	72 hours
	Result:	Reduced cell growth of colorectal carcinoma (CRC) cell lines.

REFERENCES

[1]. H A Patsos, et al. The endogenous cannabinoid, anandamide, induces cell death in colorectal carcinoma cells: a possible role for cyclooxygenase. Gut. 2005 Dec;54(12):1741-50.

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

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