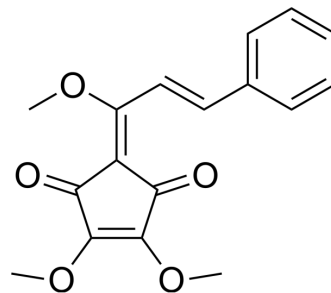


Methylinderone

Cat. No.:	HY-N3261
CAS No.:	3984-73-4
Molecular Formula:	C ₁₇ H ₁₆ O ₅
Molecular Weight:	300.31
Target:	AP-1; ERK; STAT
Pathway:	Immunology/Inflammation; MAPK/ERK Pathway; Stem Cell/Wnt; JAK/STAT Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methylinderone is an inhibitor of AP-1/STAT/ERK. Methylinderone has anti-inflammatory effect. Methylinderone reduce the invasion and migration rate of TPA-stimulated MCF-7 cells. Methylinderone can be used in study breast cancer metastasis^[1].

REFERENCES

[1]. Yoon JH, et al. Methyl Linderone Suppresses TPA-Stimulated IL-8 and MMP-9 Expression Via the ERK/STAT3 Pathway in MCF-7 Breast Cancer Cells. J Microbiol Biotechnol. 2020 Mar 28;30(3):325-332.

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

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