

Product Datasheet

Caffeic Acid 3-Methyl Phenethyl Ester (orb1217705)

Catalog Number	orb1217705
Category	Small Molecules
Description	Caffeic Acid 3-Methyl Phenethyl Ester has chemopreventive properties against chemically induced colon carcinogenesis. It enhances apoptosis in azoxymethane induced colon tumors. It shows inhibitory activity against cyclooxygenase (COX) and 5-lipoxygenase (5-LOX) with IC50 values of 4.35 μM and 5.75 μM, respectively.
Target	COX
Purity	>98% (HPLC)
MW	298.34
Target Areas	5-LOX COX
Solubility (25°C)	DMSO:10 mM
CAS Number	71835-85-3
Formula	C ₁₈ H ₁₈ O ₄
SMILES	<chem>O=C(OCCCC1=CC=CC=C1)C=CC2=CC(OC)=C(O)C=C2</chem>
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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