

Product Datasheet

[8]-Shogaol (orb1301796)

Catalog Number	orb1301796
Category	Small Molecules
Description	[8]-Shogaol, a bioactive constituent of ginger, acts as a selective cyclooxygenase-2 (COX-2) inhibitor, conferring its anti-inflammatory properties. It is utilized in research to investigate inflammatory pathways and has demonstrated activity in both cellular and animal models of inflammation.
Target	Apoptosis,COX
Purity	99.24% (May vary between batches)
MW	304.42
Target Areas	Apoptosis COX
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (16.42 mM);DMSO:60 mg/mL (197.1 mM)
CAS Number	36700-45-5
Formula	C ₁₉ H ₂₈ O ₃
SMILES	CCCCCCC\C=C\C(=O)CCc1ccc(O)c(OC)c1
Storage	keep away from direct sunlight Pure form: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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