

Product Datasheet

Bisdemethoxycurcumin (orb1297660)

Catalog Number	orb1297660
Category	Small Molecules
Description	Bisdemethoxycurcumin (Curcumin III) is a stable curcumin derivative that enhances macrophage phagocytosis, particularly in amyloid- β clearance research. It exhibits anticancer properties by suppressing proliferation via p300/Wnt/ β -catenin pathway inhibition and modulates inflammation by reducing LPS-induced iNOS expression in vitro.
Target	Wnt/beta-catenin,DNA/RNA Synthesis,Ferroptosis,Epigenetic Reader Domain,P-gp
Purity	99.75% (May vary between batches)
MW	308.33
Target Areas	DNA/RNA Synthesis Ferroptosis Epigenetic Reader Domain Wnt/beta-catenin P-gp
Solubility (25°C)	Ethanol:5 mg/mL (16.22 mM);DMSO:67 mg/mL (217.3 mM)
CAS Number	24939-16-0
Formula	C ₁₉ H ₁₆ O ₄
SMILES	<chem>Oc1ccc(\C=C\C(=O)CC(=O)\C=C\c2ccc(O)cc2)cc1</chem>
Storage	Powder: -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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