

Product Datasheet

(±)-Shikonin (orb1304876)

Catalog Number	orb1304876
Category	Small Molecules
Description	(Rac)-Shikonin (Anchusin) is a bioactive naphthoquinone with documented antimicrobial, anti-tumor, and anti-inflammatory properties. It is utilized in pharmaceutical, cosmetic, and food product development. Research demonstrates its in vitro efficacy in suppressing viability, adhesion, invasion, and migration of cancer cells like MGC-803 via TLR2/NF-κB pathways.
Target	Others
Purity	99.73% (May vary between batches)
MW	288.3
Target Areas	Others
Solubility (25°C)	H2O: 1 mg/mL (insoluble or slightly soluble);DMSO:10 mM
CAS Number	54952-43-1
Formula	C ₁₆ H ₁₆ O ₅
SMILES	<chem>O=C1C=2C(C(=O)C=C1C(CC=C(C)C)O)=C(O)C=CC2O</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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