

Product Datasheet

Xanthoxyletin (orb1681459)

Catalog Number	orb1681459
Category	Small Molecules
Description	Xanthoxyletin is a bioactive small molecule with broad-spectrum antimicrobial and anticancer properties. It inhibits pro-inflammatory mediators like iNOS, COX-2, and TNF- α , and induces S-phase arrest and apoptosis in cancer cells via ROS generation and mitochondrial dysfunction, as studied in vitro.
Target	Apoptosis,Antioxidant
MW	258.27
CAS Number	84-99-1
Formula	C ₁₅ H ₁₄ O ₄
SMILES	<chem>O=C1OC2=CC=3OC(C=CC3C(OC)=C2C=C1)(C)C</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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