

Product Datasheet

Demethoxy Curcumin-d4 (orb2280966)

Description	Demethoxy Curcumin-d4 is a deuterated compound of Demethoxy Curcumin. Demethoxy Curcumin has a CAS number of 22608-11-3. 1. Demethoxycurcumin has antioxidant activity. 2. Demethoxycurcumin has anti-inflammatory activity. 3. Demethoxycurcumin has anti-proliferative activity. 4. Demethoxycurcumin has anti-acanthamoebic effect. 5. Demethoxycurcumin is a potential additive natural product in combination with chemotherapeutic agents in drug-resistant cancers. 6. Demethoxycurcumin inhibits energy metabolic and oncogenic signaling pathways through AMPK activation in triple-negative breast cancer cells.
Storage	-20°C
Note	For research use only
Formula	$C_{20}H_{14}D_4O_5$
Purity	98.00%
MW	342.38
SMILES	<chem>O=C(CC(/C=C/C1=C([2H])C([2H])=C(O)C([2H])=C1[2H])=O)/C=C/C2=CC=C(O)C(OC)=C2</chem>
Expiration Date	12 months from date of receipt.

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