

Product Datasheet

Demethyleneberberine chloride (orb2278875)

Description	Demethyleneberberine chloride, a natural mitochondria-targeted antioxidant, mitigates colitis in mice and suppresses inflammatory responses by blocking the NF-κB pathway and modulating the equilibrium of Th cells. It is also recognized as an AMPK activator for investigating non-alcoholic fatty liver disease (NAFLD) [1] [2] [3].
Storage	-20°C
Note	For research use only
Formula	C ₁₉ H ₁₈ ClNO ₄
Purity	98.00%
MW	359.8
CAS Number	16705-03-6
SMILES	[Cl-].OC=1C=C2C=3C=C4C=CC(OC)=C(OC)C4=C[N+]3CCC2=CC1O
Expiration Date	12 months from date of receipt.

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