

Product Name	: Micheliolide
Synonyms	: —
Cat No.	: M20483
CAS Number	: 68370-47-8
Molecular Formula	: C ₁₅ H ₂₀ O ₃
Formula Weight	: 248.32
Chemical Name	: (3aS ⁹ R ⁹ aS ⁹ bS)-9-Hydroxy-6 ⁹ -dimethyl-3-methylidene-4 ⁵ 789a9b-hexahydro-3aH-azuleno[4 ⁵ -b]furan-2-one
Description	: Micheliolide(MCL) is a sesquiterpene lactone which inhibits various inflammatory response.
Pathway	: Immunology/Inflammation
Target	: NOS
Receptor	: Inos;COX-2
Solubility	: DMSO:49 mg/mL (197.32 mM)
SMILES	: <chem>[H][C@@]12CCC(C)=C3CC[C@@](C)(O)[C@]3([H])[C@H]1OC(=O)C2=C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Sun Z Li G Tong Tet al.Micheliolide suppresses LPS-induced neuroinflammatory responses[J].PLoS One. 2017 Oct 17;12(10):e0186592.