

Product Name : I-2906

Synonyms : I 2906; I2906

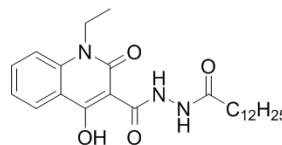
Cat No. : M14114

CAS Number : 331963-29-2

Molecular Formula : C₂₅H₃₇N₃O₄

Formula Weight : 443.58

Chemical Name : 3-Quinolinecarboxylic acid, 1-ethyl-1,2-dihydro-4-hydroxy-2-oxo-, 2-(1-oxotridecyl)hydrazide



Description : A novel isocitrate lyase (ICL) inhibitor that displays showed excellent anti-Mycobacterium tuberculosis activities and low cytotoxicity; shows good activity against M. tuberculosis H37Ra with MIC of 0.5 ug/ml; significantly reduces bacterial loads of both lungs and spleen in a murine model. Bacterial Infection Preclinical

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : Antibacterial

Solubility : 10 mM in DMSO

SMILES : CCCCCCCCCCCCC(=O)NNC(=O)C1=C(C2=CC=CC=C2N(C1=O)CC)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Lu J, et al. Pharmacology. 2010;85(6):365-71.