

Product Name	: A939572
Synonyms	: —
Cat No.	: M20161
CAS Number	: 1032229-33-6
Molecular Formula	: C ₂₀ H ₂₂ ClN ₃ O ₃
Formula Weight	: 387.85
Chemical Name	: (Z)-4-(2-chlorophenoxy)-N-(3-((Z)-hydroxy(methylimino)methyl)phenyl)piperidine-1-carbimide
Description	: A939572 is stearoyl-CoA desaturase1 (SCD1) inhibitor with IC ₅₀ values of <4 nM for mSCD1 and 37 nM for hSCD1.
Pathway	: Metabolic Enzyme/Protease
Target	: Dehydrogenase
Receptor	: mSCD1/hSCD1
Solubility	: DMSO:56 mg/mL?(144.38 mM)
SMILES	: <chem>CNC(=O)c1cccc(NC(=O)N2CCC(CC2)Oc3ccccc3Cl)c1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Roongta U V, Pabalan J G, Wang X et al. Cancer Cell Dependence on Unsaturated Fatty Acids Implicates Stearoyl-CoA Desaturase as a Target for Cancer Therapy[J]. Molecular Cancer Research 2011 9(11):1551-1561.