

A939572, SCD1 inhibitor

Catalog	Unit
TBI4639-5MG	5 mg
TBI4639-25MG	25 mg

Product Details

Formal Name: 4-(2-Chlorophenoxy)-N-[3-(methylcarbamoyl)phenyl]piperidine-1-carboxamide

Molecular Formula: C₂₀H₂₂ClN₃O₃

Formula Weight: 387.86

CAS Number: 1032229-33-6

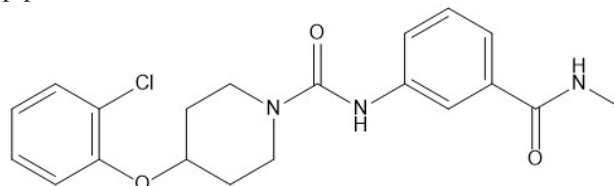
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

SCD1 inhibitor

Functions

Potent stearoyl-CoA desaturase 1 (SCD1) inhibitor (IC₅₀s = mouse: <4 nM, human: 37 nM). Active in various cancer models alone and in combination with other chemotherapeutics. A939572 was able to selectively eliminate human pluripotent stem cells (hPSCs) in the presence of progenitor and differentiated cells.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.