

ML239

Catalog No: tcsc0017468



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1378872-36-6

Formula:

$C_{13}H_{10}Cl_3N_3O_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 300 mg/mL (865.55 mM)

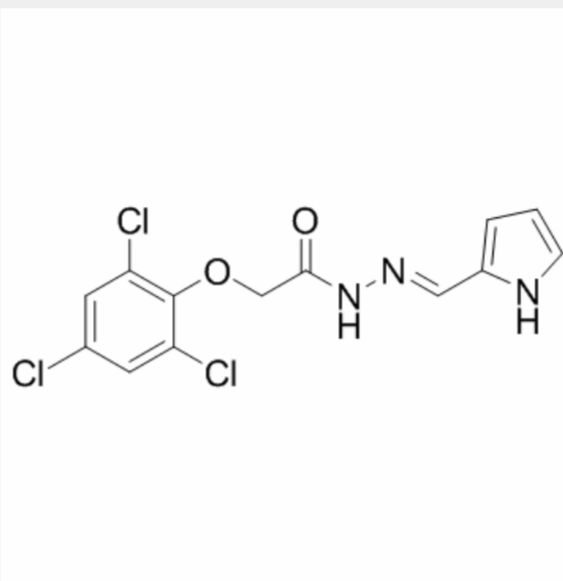
Observed Molecular Weight:

346.6

Product Description

ML239 is a potent and selective inhibitor of breast cancer stem cells, with an IC_{50} of 1.16 μ M.

In Vitro: ML239 (Compound 7j) is a potent and selective inhibitor of breast cancer stem cells, with an IC_{50} of 1.16 μ M, with ~24-fold selectivity against the control cell line^[1]. ML239 inhibits breast cancer stem-like cells, most likely through activation of fatty acid desaturase 2 (FADS2). ML239 is cytotoxic to NCIH661 cells, and FADS2 knockdown reduces ML239 cytotoxicity, and furthermore, FADS2 inhibitor SC-26196 also reduces ML239 cytotoxicity in cancer cell lines (CCLs)^[2].



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