Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

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

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Product Description

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

In Vitro: ML239 (Compound 7j) is a potent and selective inhibitor of breast cancer stem cells, with an IC_{50} of 1.16 μM, 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].