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## ML239

产品编号: D50939

CAS: 1378872-36-6

分子式: C<sub>13</sub>H<sub>10</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>13</sub>H<sub>10</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>2</sub>/c14-8-4-10(15)13(11(16)5-8)21-7-12(20)19-18-6-9-2-1-3-17-9/h1-6,17H,7H<sub>2</sub>, (H,19,20)/b18-6+

InChi Key: NVEDPFICKAIHKD-NGYBGAFCSA-N

Smiles: O=C(COC1C(Cl)=CC(Cl)=CC=1Cl)N/N=C/C1=CC=CN1

外观: 固体粉末

作用通路: Others

溶解性: DMSO up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: ML239 is a potent and selective breast cancer stem cell inhibitor with IC<sub>50</sub> ~1.16 μM. It displayed greater than 23-fold selective inhibition of the breast CSC-like cell line (HMLE\_sh\_Ecad) over the isogenic control cell line (HMLE\_sh\_GFP). It did not significantly inhibit tumorsphere formation in the breast cancer cell line SUM159, which is a mixture of CSCs and differentiated cells. ML239 is also cytotoxic towards MDA-MB-231 breast cancer cells.