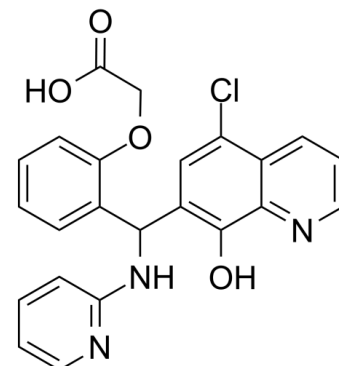


Data Sheet

Product Name:	Mcl1-IN-1
Cat. No.:	CS-3183
CAS No.:	713492-66-1
Molecular Formula:	C23H18ClN3O4
Molecular Weight:	435.86
Target:	Bcl-2 Family
Pathway:	Apoptosis
Solubility:	DMSO : ≥ 50 mg/mL (114.72 mM)



BIOLOGICAL ACTIVITY:

Mcl1-IN-1 is an inhibitor of myeloid cell factor 1 (**Mcl-1**) ($IC_{50}=2.4 \mu\text{M}$). IC_{50} & Target: $IC_{50}: 2.4 \mu\text{M}$ (Mcl-1)^[1] **In Vitro:** Mcl1-IN-1 (Compound 1) is a Mcl-1 inhibitor, which demonstrates good Mcl-1 inhibition ($IC_{50}=2.4 \mu\text{M}$) with no appreciable inhibition of Bcl-xL at $100 \mu\text{M}$ ^[1].

References:

[1]. Richard DJ, et al. Hydroxyquinoline-derived compounds and analoguing of selective Mcl-1 inhibitors using a functional biomarker. *Bioorg Med Chem.* 2013 Nov 1;21(21):6642-9.

CAIndexNames:

Acetic acid, 2-[2-[(5-chloro-8-hydroxy-7-quinolinyl)(2-pyridinylamino)methyl]phenoxy]-

SMILES:

O=C(O)COC1=CC=CC=C1C(NC2=NC=CC=C2)C3=C(O)C4=NC=CC=C4C(Cl)=C3

Caution: Product has not been fully validated for medical applications. For research use only.

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