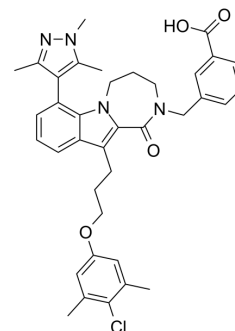


Mcl1-IN-9

Cat. No.:	HY-128607
CAS No.:	1810769-31-3
Molecular Formula:	C ₃₇ H ₃₉ ClN ₄ O ₄
Molecular Weight:	639.18
Target:	Bcl-2 Family
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mcl1-IN-9 is a potent myeloid cell leukemia-1 (Mcl-1) Inhibitor with an IC ₅₀ of 446 nM in reengineered BCR-ABL+ B-ALL cells and a K _i of 0.03 nM ^[1] .
IC₅₀ & Target	Mcl-1 0.03 nM (K _i)
In Vitro	Mcl1-IN-9 inhibits growth of Mcl-1 dependent tumor cell lines in the nanomolar range ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Mcl1-IN-9 inhibits the growth of hematological and triple negative breast cancer xenografts at well tolerated doses ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lee T, et al, Discovery of Potent Myeloid Cell Leukemia-1 (Mcl-1) Inhibitors That Demonstrate in Vivo Activity in Mouse Xenograft Models of Human Cancer. J Med Chem. 2019 Apr 25;62(8):3971-3988.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA