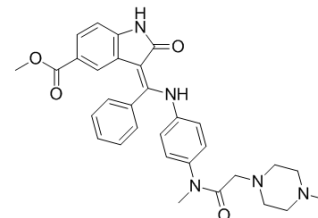


MELK-IN-1

Cat. No.:	HY-101515
CAS No.:	2095596-44-2
Molecular Formula:	C ₃₁ H ₃₃ N ₅ O ₄
Molecular Weight:	539.62
Target:	MELK
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	MELK-IN-1 is a potent inhibitor of maternal embryonic leucine zipper kinase (MELK) with an IC ₅₀ and a K _i of 3 nM and 0.39 nM, respectively.
IC ₅₀ & Target	IC ₅₀ : 3 nM (MELK) K _i : 0.39 nM (MELK) [1]

REFERENCES

[1]. Edupuganti R, et al. Discovery of a potent inhibitor of MELK that inhibits expression of the anti-apoptotic protein Mcl-1 and TNBC cell growth. *Bioorg Med Chem.* 2017 May 1;25(9):2609-2616.

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

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