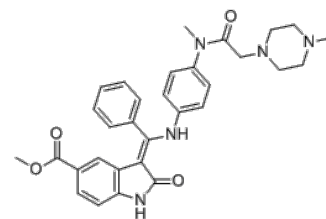


Product Name : MELK inhibitor 17
Cat. No. : PC-35237
CAS No. : 2095596-44-2
Molecular Formula : C₃₁H₃₃N₅O₄
Molecular Weight : 539.636
Target : MELK
Solubility : 10 mM in DMSO



Biological Activity

MELK inhibitor 17 is a potent, selective **MELK** inhibitor with K_i/IC_{50} of 0.39/3 nM, >100-fold selectivity over CHK1, CAMKK2, NUA1 and ERK2.

MELK inhibitor 17 inhibits the expression of the anti-apoptotic protein Mcl-1 and proliferation of TNBC cells exhibiting selectivity for cells expressing high levels of MELK.

References

Edupuganti R, et al. *Bioorg Med Chem.* 2017 May 1;25(9):2609-2616.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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