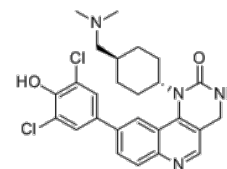


Product Name : HTH-01-091
Cat. No. : PC-61763
CAS No. : 2000209-42-5
Molecular Formula : C₂₆H₂₈Cl₂N₄O₂
Molecular Weight : 499.436
Target : MELK
Solubility : 10 mM in DMSO



Biological Activity

HTH-01-091 is a potent and selective, cell-permeable, ATP-competitive **MELK** inhibitor with biochemical IC₅₀ of 10.5 nM. HTH-01-091 displays no significant activity for PIK3CA, mTOR, GSK3A and CDK7 (IC₅₀>600 nM); exhibits substantially improved kinase selectivity in comparison with OTSSP167. HTH-01-091 induces MELK degradation, but demonstrates poor antiproliferative effects in basal-like breast cancer cell lines.

References

Huang HT, et al. *Elife*. 2017 Sep 19;6. pii: e26693.

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

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