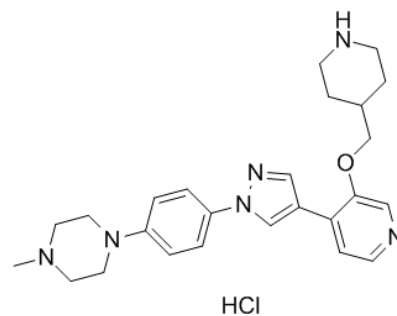


Product Name : NVS-MELK8a hydrochloride
Cat. No. : PC-42114
CAS No. : 2096992-20-8
Molecular Formula : C₂₅H₃₃ClN₆O
Molecular Weight : 469.02212
Target : MELK
Solubility :



Biological Activity

NVS-MELK8a hydrochloride (MELK8a hydrochloride) is a novel potent, and selective **MELK** inhibitor with IC₅₀ of 2 nM. NVS-MELK8a exhibits high selectivity with only 7 off-target kinases inhibited >85% against 456 kinases at 1 uM, Flt3 (IC₅₀=0.18 uM), Haspin (IC₅₀=0.19 uM), PDGFRα (IC₅₀=0.42 uM).

NVS-MELK8a exhibits growth inhibition of MDA-MD-468 cells with IC₅₀ of 0.11 uM, and increases cells harboring 4N DNA content.

References

Touré BB, et al. *J Med Chem*. 2016 May 26;59(10):4711-23.

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

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

E-mail: tech@probechem.com