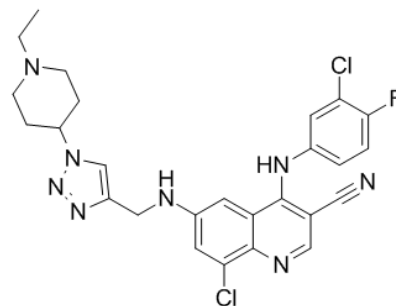


Product Name : KIN001-266
Cat. No. : PC-45794
CAS No. : 915363-56-3
Molecular Formula : C₂₆H₂₅Cl₂FN₈
Molecular Weight : 539.4347
Target : MEKK (MAP3K)
Solubility : 10 mM in DMSO



Biological Activity

KIN001-266 (Tpl2-IN-34) is a potent, selective **Tpl2 (cot/MAP3K8)** inhibitor with IC₅₀ of 1.6 nM. Tpl2-IN-34 displays 6875-fold selectivity over EGFR, P38, Src, CAMKII, MK2, PKA, and PKC (IC₅₀>10 μM). Tpl2-IN-34 inhibits LPS-induced TNF-α production in whole blood with IC₅₀ of 0.3 μM. Tpl2-IN-34 shows good efficacy in inhibiting TNF-alpha production in a LPS-stimulated rat inflammation model; orally active.

References

Wu J, et al. *Bioorg Med Chem Lett*. 2009 Jul 1;19(13):3485-8.

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

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