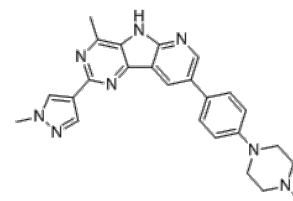


Product Name : GNE-220
Cat. No. : PC-62936
CAS No. : 1199590-75-4
Molecular Formula : C₂₅H₂₆N₈
Molecular Weight : 438.539
Target : MAP4K
Solubility : 10 mM in DMSO



Biological Activity

GNE-220 is a potent and selective inhibitor of **MAP4K4** with IC₅₀ of 7 nM, also inhibits MINK (MAP4K6), DMPK and KHS1 (MAP4K5) with IC₅₀ of 9 nM, 476 nM and 1,110 nM.

GNE-220 alters HUVEC sprout morphology, shifts the distribution of subcellular protrusion and increases total protrusions. GNE-220 dose-dependently increases the number of β1-integrin in long focal adhesions.

References

Vitorino P, et al. *Nature*. 2015 Mar 26;519(7544):425-30.

Gao X, et al. *Cell Biosci*. 2016 Oct 28;6:56. eCollection 2016.

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

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