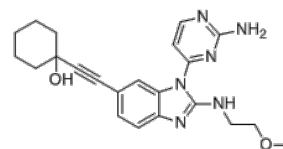


Product Name : GNE-2861
Cat. No. : PC-62720
CAS No. : 1394121-05-1
Molecular Formula : C₂₂H₂₆N₆O₂
Molecular Weight : 406.49
Target : p21-activated Kinase (PAK)
Solubility : 10 mM in DMSO



Biological Activity

GNE-2861 is a potent, selective **group II PAK** (PAK4/5/6) inhibitor with IC₅₀ of 7.5/126/36 nM, respectively. GNE-2861 shows selectivity over group I PAKs (IC₅₀=5.42/0.97/>10 μM for PAK1/2/3). GNE-2861 decreases tumor cell migration and invasion in triple-negative breast cancer cell lines, perturbs estrogen receptor alpha signaling and restores tamoxifen-sensitivity in breast cancer cells.

References

Staben ST, et al. *J Med Chem.* 2014 Feb 13;57(3):1033-45.
Zhuang T, et al. *Oncotarget.* 2015 Dec 22;6(41):43853-68.

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

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