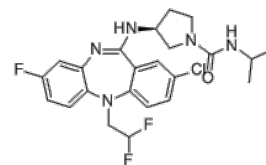


Product Name : NVS-PAK1-1
Cat. No. : PC-49534
CAS No. : 1783816-74-9
Molecular Formula : C₂₃H₂₅ClF₃N₅O
Molecular Weight : 479.932
Target : p21-activated Kinase (PAK)
Solubility : 10 mM in DMSO



Biological Activity

NVS-PAK1-1 is a potent, selective and allosteric inhibitor of **PAK1** with IC₅₀ of 5 nM, potently inhibits PAK1 phosphorylation in vitro and in vivo.

NVS-PAK1-1 is almost 100× more selective for PAK1 than PAK2.

NVS-PAK1-1 potently inhibited PAK1 autophosphorylation in MS02 cells, and reduced the proliferation of MS02 and HEI-193 cells with an IC₅₀ of 4.7 and 6.2 μM, respectively.

NVS PAK1-1 (30 mg/kg) reduces the average dorsal root ganglia (DRG) size in Nf2-cKO mice.

References

Chudi O Ndubaku, et al. *ACS Med Chem Lett.* 2015 Oct 31;6(12):1241-6.

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

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