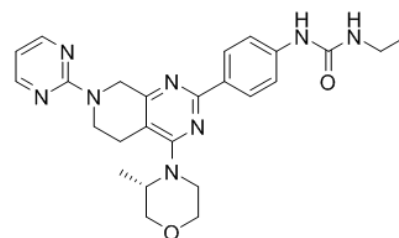


Product Name : mTOR-IN-1
Cat. No. : PC-45461
CAS No. : 1207358-59-5
Molecular Formula : C₂₅H₃₀N₈O₂
Molecular Weight : 474.5581
Target : mTOR
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective mTOR inhibitor with K_i of 1.5 nM; >500-fold selectivity over closely related PI3 kinases; exhibits suitable mouse PK and demonstrates active in an NCI-PC3 prostate cancer model; orally bioavailable.

References

Koehler MF, et al. J Med Chem. 2012 Dec 27;55(24):10958-71.

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

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