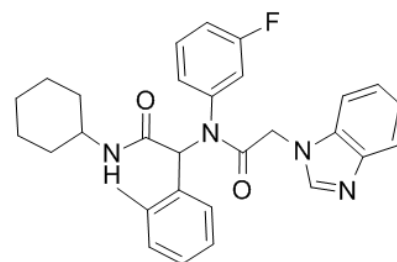


Product Name : Mutant IDH1-IN-1
Cat. No. : PC-43052
CAS No. : 1355326-21-4
Molecular Formula : C₃₀H₃₁FN₄O₂
Molecular Weight : 498.5912
Target : Isocitrate Dehydrogenase (IDH)
Solubility : DMSO: ≥ 45 mg/mL



Biological Activity

Mutant IDH1-IN-1 is a potent, mutant-selective **IDH1** inhibitor with with IC₅₀s of 4, 42, 80 and 143 nM against mutant IDH1 R132C/R132C, IDH1 R132H/R132H, IDH1 R132H/WT and wild type IDH1, respectively.

Mutant IDH1-IN-1 inhibits 2HG production in R132H IDH1-expressing HEK-293 cells with IC₅₀ of 81.5 nM.

References

Deng G, et al. *J Biol Chem*. 2015 Jan 9;290(2):762-74.

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

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