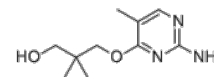


Product Name : IACS-4759
Cat. No. : PC-62705
CAS No. : 1884209-99-7
Molecular Formula : C₁₀H₁₇N₃O₂
Molecular Weight : 211.265
Target : DNA Repair Protein
Solubility : 10 mM in DMSO



Biological Activity

IACS-4759 is a potent, selective aminopyrimidine **MTH1 (MutT homolog 1)** inhibitor with IC₅₀ of 0.6 nM. IACS-4759 shows no off-target kinase activity in a panel of 97 kinases. IACS-4759 exhibits excellent cell permeability and good metabolic stability in microsomes. IACS-4759 is an excellent tool for interrogation of the utility of MTH1 inhibition in the context of oncology.

References

Petrocchi A, et al. *Bioorg Med Chem Lett*. 2016 Mar 15;26(6):1503-7.

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

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