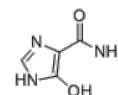


Product Name : FF-10501-01
Cat. No. : PC-61690
CAS No. : 1428902-56-0
Molecular Formula : C₄H₅N₃O_{2.3/4}H₂O
Molecular Weight : 562.45
Target : IMPDH
Solubility : 10 mM in DMSO



Biological Activity

FF-10501-01 is a potent, selective and orally available **IMPDH** inhibitor.

FF-10501-01 effectively induces AML cell death and reduces AML peripheral blood cell proliferation (mean IC₅₀=14.6 μM) by targeting guanine nucleotide biosynthesis regardless of HMA resistance status.

References

Yang H, et al. Leuk Res. 2017 Aug;59:85-92.

Murase M, et al. Pharmacol Res Perspect. 2016 Jan 28;4(1):e00206.

Ichii M, et al. Leuk Lymphoma. 2017 Jul 21:1-12.

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

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