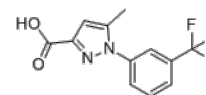


Product Name : ALKBH5 inhibitor 20m
Cat. No. : PC-38700
CAS No. : 126067-60-5
Molecular Formula : C₁₂H₉F₃N₂O₂
Molecular Weight : 270.211
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

ALKBH5 inhibitor 20m is a potent, selective RNA m6A demethylase AlkB homolog 5 (ALKBH5) inhibitor with IC₅₀ of 21 nM. ALKBH5 inhibitor 20m exhibits high selectivity towards ALKBH5 versus FTO as well as other AlkB subfamily members (IC₅₀>25 μM). ALKBH5 inhibitor 20m could efficiently stabilize ALKBH5 and increase m6A level in intact cells.

References

ZhenFang, et al. European Journal of Medicinal Chemistry, 11 May 2022, 114446.

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

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