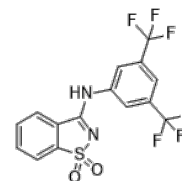


Product Name : M1002
Cat. No. : PC-24484
CAS No. : 823830-85-9
Molecular Formula : C₁₅H₈F₆N₂O₂S
Molecular Weight : 394.29
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



CAS: 823830-85-9

Biological Activity

M1002 is a small molecule allosteric agonist of hypoxia-inducible factor-2 (HIF-2) with EC₅₀ of 0.44 μ M in luciferase reporter gene assays, enhances the affinity of HIF-2 α and ARNT for transcriptional activation.

M1002 is capable of altering the conformation of Tyr281 of the HIF-2 α PAS-B domain and enhancing the affinity of HIF-2 α and ARNT.

References

Yu Y, et al. Eur J Med Chem. 2021 Feb 5;211:112999.

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

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