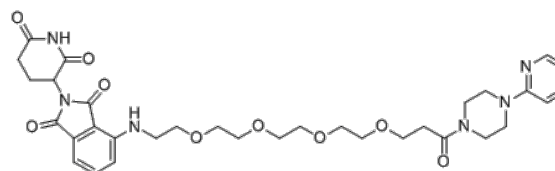


Product Name : JH-XII-03-02
Cat. No. : PC-21068
CAS No. : 2415900-86-4
Molecular Formula : C₄₃H₅₁N₉O₁₀
Molecular Weight : 853.93
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2415900-86-4

Biological Activity

JH-XII-03-02 is a highly potent, selective **PROTAC degrader** of LRRK2 with IC₅₀ of 1 nM against both wt LRRK2 and LRRK2 G2019S.

JH-XII-03-02 displays high potency and remarkable selectivity for LRRK2 when assessed in a of 468 panel kinases.

JH-XII-03-02 shows potent degradation of LRRK2 following 48hr treatment of LRRK2 wt and LRRK2 R144C MEF cells at a concentration of 1 μM.

JH-XII-03-02 significantly inhibits phosphorylation of S935 and Rab10.

References

John M Hatcher, et al. *Bioorg Med Chem Lett*. 2023 Aug 15;129449.

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

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