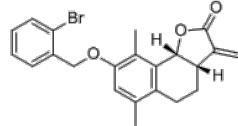

Product Name	: UbcH5c-IN-6d
Cat. No.	: PC-60354
CAS No.	: 2123480-72-6
Molecular Formula	: C ₂₂ H ₂₁ BrO ₃
Molecular Weight	: 413.31
Target	: Ubiquitin-conjugating Enzyme (E2)
Solubility	: 10 mM in DMSO



Biological Activity

UbcH5c-IN-6d is a potent, specific, orally bioactive small-molecule inhibitor of ubiquitin-conjugating enzyme **UbcH5c (UBE2D3)** with K_d of 283 nM.

UbcH5c-IN-6d suppresses the activation of the NF-κB signaling pathway by selectively covalently binding to the Cys85 residue of UbcH5c.

UbcH5c-IN-6d exhibits potent anti-inflammatory activity against complete Freund's adjuvant-induced adjuvant arthritis in vivo.

References

Chen H, et al. **J Med Chem.** 2017 Aug 24;60(16):6828-6852.

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

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