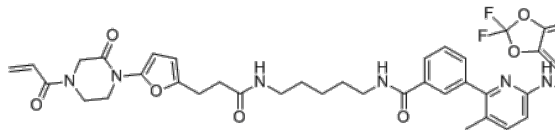


Product Name : NJH-2-057
Cat. No. : PC-72837
CAS No. : 2858812-70-9
Molecular Formula : C₄₃H₄₄F₂N₆O₈
Molecular Weight : 810.856
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

NJH-2-057 is a novel **CFTR DUBTAC** via linking the OTUB1 recruiter EN523 to the CFTR chaperone lumacaftor with C5 alkyl linkers.

NJH-2-057 robustly stabilizes Δ F508-CFTR protein levels, leading to improved chloride channel conductance in human cystic fibrosis bronchial epithelial cells.

Deubiquitinase-targeting chimeras (DUBTACs), heterobifunctional small molecules consisting of a deubiquitinase recruiter linked to a protein-targeting ligand, to stabilize the levels of specific proteins degraded in a ubiquitin-dependent manner.

References

Henning NJ, et al. *Nat Chem Biol*. 2022 Feb 24. doi: 10.1038/s41589-022-00971-2.

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

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