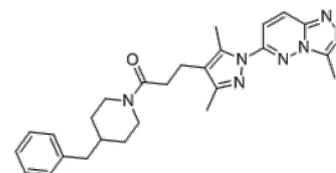


Product Name : C25-140
Cat. No. : PC-35287
CAS No. : 1358099-18-9
Molecular Formula : C₂₆H₃₁N₇O
Molecular Weight : 457.582
Target : Ubiquitin-conjugating Enzyme (E2)
Solubility : 10 mM in DMSO



Biological Activity

C25-140 is a specific, first-in-class small molecule inhibitor of the **TRAF6-Ubc13 interaction**, binds TRAF6, inhibits TRAF6-Ubc13 interaction and TRAF6 activity.

C25-140 effectively reduced TRAF6-mediated ubiquitin chain formation in vitro, impedes NF-κB activation in various immune and inflammatory signaling pathways also in primary human and murine cells.

C25-140 does not effect other E3 ligases (MDM2, TRIM63, ITCH, E6AP and RNF4), also does inhibit E1/E2 reactions.

References

Brenke JK, et al. *J Biol Chem*. 2018 Jun 27. pii: jbc.RA118.002649.

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

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