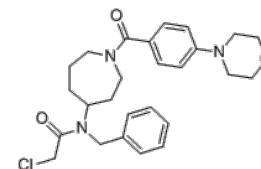


Product Name : BPK-29
Cat. No. : PC-60016
CAS No. : 2143467-62-1
Molecular Formula : C₂₆H₃₂ClN₃O₃
Molecular Weight : 470.01
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

BPK-29 (BPK29) is a covalent, specific small molecule that disrupts **NR0B1** protein complexes and impairs the anchorage-independent growth of **KEAP1**-mutant cancer cells.

BPK-29 substantially engages NR0B1 (EC₅₀<5 uM) with good overall proteomic selectivity in KEAP1-mutant NSCLCs.

BPK-29 target a conserved cysteine C274 within the NR0B1.

References

Bar-Peled L, et al. **Cell**. 2017 Oct 19;171(3):696-709.e23.

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

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