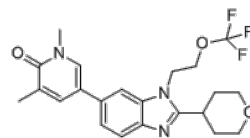


Product Name : NEO2734
Cat. No. : PC-38169
CAS No. : 2081072-29-7
Molecular Formula : C₂₂H₂₄F₃N₃O₃
Molecular Weight : 435.447
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

NEO2734 (NEO-2734, EP31670) is a dual inhibitor of **pan-BET** and **CBP/p300** with K_d values of 2-31 nM. NEO2734 exhibited in vitro antitumor activity in a variety of cancer cell lines derived from different tumor types, especially from prostate cancer, leukemias, and lymphomas. NEO2734 showed a clear in vitro antitumor activity in DLBCL, which was more potent than either a BET inhibitor (birabresib) or a CBP/EP300 inhibitor (SGC-CBP30). NEO2734 is active in both hotspot mutant (F133V) and non-hotspot mutant (Q165P) PCa cells in vitro and in vivo.

References

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Spriano F, et al. *Blood Adv*. 2020 Sep 8;4(17):4124-4135.
Morrison-Smith CD, et al. *Mol Cancer Ther*. 2020 Jul;19(7):1406-1414.
He Y, et al. *Nat Commun*. 2021 Mar 9;12(1):1521.

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

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