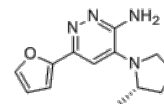


Product Name : GNE-235
Cat. No. : PC-21166
CAS No. : 3036574-72-5
Molecular Formula : C₁₃H₁₆N₄O
Molecular Weight : 244.30
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

GNE-235 (GNE235) is a potent, selective inhibitor of the second bromodomain of polybromo-1 (**PBRM1**; BAF180; PB1) with KD value of 0.28 uM in BROMOscan assays.

GNE-235 displays >20-fold selectivity over PBRM1(5), SMARCA2 and SMARCA4 in BROMOscan assays.

GNE-235 has binding KD value of 1.1 uM against PBRM1(2) in ITC assays, >30-fold selectivity over PBRM1(4) and PBRM1(3).

GNE-235 also shows clear profiles in the nuclear receptor assays, and the low-level PXR activation.

References

Andrea G Cochran, et al. *J Med Chem*. 2023 Sep 13. doi: 10.1021/acs.jmedchem.3c01149.

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

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