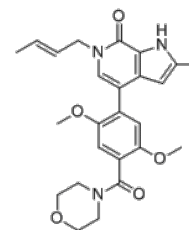


Product Name : GNE-375
Cat. No. : PC-62845
CAS No. : 1926989-06-1
Molecular Formula : C₂₅H₂₉N₃O₅
Molecular Weight : 451.523
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

GNE-375 (GNE375) is a potent, selective **BRD9** inhibitor with IC₅₀ of 5 nM, displays >480-fold selectivity over BRD4, CECR2, and TAF1.

GNE-375 decreases BRD9 binding to chromatin, and decreases expression of ALDH1A1, a gene previously shown to be important in drug tolerance.

GNE-375 shows remarkable potency in preventing the emergence of a drug tolerant population in EGFR mutant PC9 cells treated with EGFR inhibitors.

References

Crawford TD, et al. *Bioorg Med Chem Lett*. 2017 Aug 1;27(15):3534-3541.

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

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