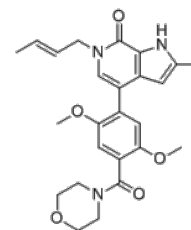


**Product Name** : GNE-375  
**Cat. No.** : PC-62845  
**CAS No.** : 1926989-06-1  
**Molecular Formula** : C<sub>25</sub>H<sub>29</sub>N<sub>3</sub>O<sub>5</sub>  
**Molecular Weight** : 451.523  
**Target** : Bromodomain  
**Solubility** : 10 mM in DMSO



### Biological Activity

GNE-375 (GNE375) is a potent, selective **BRD9** inhibitor with IC<sub>50</sub> 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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