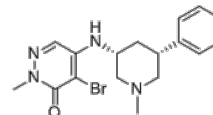


**Product Name** : GSK4027  
**Cat. No.** : PC-35554  
**CAS No.** : 2079896-25-4  
**Molecular Formula** : C<sub>17</sub>H<sub>21</sub>BrN<sub>4</sub>O  
**Molecular Weight** : 377.286  
**Target** : Bromodomain  
**Solubility** : 10 mM in DMSO



### Biological Activity

GSK4027 (GSK 4027, GSK-4027) is a potent, selective, cell-penetrant chemical probe inhibitor of **PCAF/GCN5** bromodomain with pK<sub>i</sub> of 8.9 for both.

GSK4027 displays exceptional selectivity over the BET bromodomain family (>18000-fold selectivity over the BET family, >70-fold selectivity over the wider bromodomain families) and proof of cellular target engagement.

GSK4027 is a useful chemical tool in elucidating the biological phenotype of PCAF/GCN5 bromodomain inhibition.

### References

Humphreys PG, et al. *J Med Chem.* 2017 Jan 26;60(2):695-709.

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

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