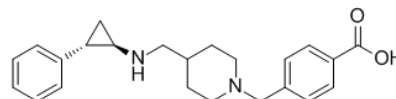


**Product Name** : GSK2879552  
**Cat. No.** : PC-45495  
**CAS No.** : 1401966-69-5  
**Molecular Formula** : C<sub>23</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 364.4806  
**Target** : Histone Demethylase  
**Solubility** : 10 mM in DMSO



### Biological Activity

GSK2879552 is a potent, selective irreversible inhibitor of **LSD1** with  $K_i$  app of 1.7  $\mu$ M.  
GSK2879552 shows good selectivity against LSD2, MAO-A, MAO-B, D-amino acid oxidase and LoxL2.  
GSK2879552 exhibits growth inhibition ( $EC_{50}$ =2-240 nM) in sensitive cell lines.  
GSK2879552 is orally bioavailable.

### References

Mohammad HP, et al. **Cancer Cell**. 2015 Jul 13;28(1):57-69.  
Huang M, et al. **Cancer Lett**. 2017 Jul 10;398:12-21.  
Maes T, et al. **Epigenomics**. 2015;7(4):609-26.

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

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