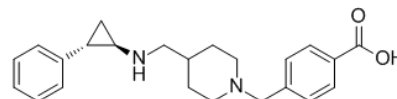


Product Name : GSK-2879552
Cat. No. : PC-45495
CAS No. : 1401966-69-5
Molecular Formula : C₂₃H₂₈N₂O₂
Molecular Weight : 364.4806
Target : Histone Demethylase
Solubility : 10 mM in DMSO



Biological Activity

GSK-2879552 is a potent, selective irreversible inhibitor of **LSD1** with K_i app of 1.7 μ M.
GSK-2879552 shows good selectivity against LSD2, MAO-A, MAO-B, D-amino acid oxidase and LoxL2.
GSK-2879552 exhibits growth inhibition (EC_{50} =2-240 nM) in sensitive cell lines.
GSK-2879552 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!

E-mail: tech@probechem.com