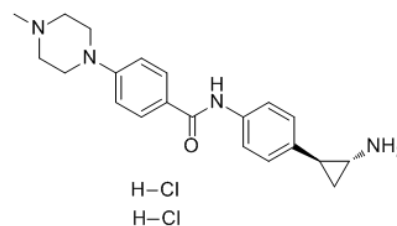


Product Name : DDP-38003 dihydrochloride
Cat. No. : PC-45657
CAS No. : 1831167-98-6
Molecular Formula : C₂₁H₂₈Cl₂N₄O
Molecular Weight : 423.37922
Target : Histone Demethylase
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

DDP-38003 dihydrochloride is a potent, selective and orally available inhibitor of histone lysine-specific demethylase 1A (KDM1A/**LSD1**) with IC₅₀ of 84 nM.

DDP-38003 weakly inhibits MAO-A and has no activity for KDM1B and MAO-B (IC₅₀>30 μM).

DDP-38003 is orally bioactive and exhibits in vivo efficacy in mouse leukemia model.

References

Vianello P, et al. *J Med Chem.* 2016 Feb 25;59(4):1501-17.

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

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