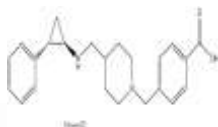


PRODUCT: GSK-2879552**ALTERNATE NAME:** 4-((4-(((1R,2S)-2-phenylcyclopropyl)amino)methyl)piperidin-1-yl)methyl)benzoic acid hydrochloride**CATALOG #:** B1044-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₃H₂₈N₂O₂·HCl**MOLECULAR WEIGHT:** 400.94**CAS NUMBER:** 1401966-69-5 (free base)**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** GSK-2879552 is a potent, selective, mechanism-based inactivator of Lysine Specific Demethylase 1 (LSD1)/CoRepressor for Element-1-Silencing Transcription factor (CoREST) activity. GSK-2879552 binds to and inhibits LSD1, a demethylase that suppresses the expression of target genes by converting the dimethylated form of lysine at position 4 of histone H3 (H3K4) to mono- and unmethylated H3K4. LSD1 inhibition enhances H3K4 methylation and increases the expression of tumor-suppressor genes.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Caffeic acid (Cat. No. 2303-50, 250)
Clorgyline hydrochloride (Cat. No. 2622-10, 50)
Daminozide (Cat. No. 2438-100, 500)
Disulfiram (Cat. No. 2308-10, 50)
Ebselen (Cat. No. 2169-5, 25)
GSK-J4 hydrochloride (Cat. No. 2259-1, 5)
GSK-J4 (Free base) (Cat. No. 2762-1,5)
GSK-J1 sodium (Cat. No. 2260-1, 5)
GSK-J1 (Cat. No. 2761-1,5)
Harmine (Cat. No. 2561-50, 250)
IOX1 (Cat. No. 2266-5, 25)
Jumonji HDM Inhibitor, JOB-04 (Cat. No. 2474-5, 25)
Jumonji HDM Inhibitor, PBIT (Cat. No. 2475-5, 25)
β-Lapachone (Cat. No. 2262-5, 25)
ML-324 (Cat. No. 2763-5, 25)
OG-L002 (Cat. No. 9406-5, 25)
Pargyline hydrochloride (Cat. No. 2618-500, 1000)
2,4-PDCA (Cat. No. 2304-100, 500)
Rasagiline mesylate (Cat. No. 2237-50, 250)
SP-2509 (Cat. No. 9446-5,25)
Tranylcypromine hemisulfate (Cat. No. 1816-25, 100)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*