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: $C_{23}H_{28}N_2O_2$.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℃. 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***

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