

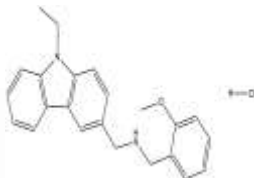
**PRODUCT: HLCL-61 hydrochloride**

**ALTERNATE NAME:** 1-(9-ethyl-9H-carbazol-3-yl)-N-(2-methoxybenzyl)methanamine hydrochloride

**CATALOG #:** B1209-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>23</sub>H<sub>25</sub>ClN<sub>2</sub>O

**MOLECULAR WEIGHT:** 380.92

**CAS NUMBER:** 586395-74-6 (free base)

**APPEARANCE:** Crystalline Solid

**SOLUBILITY:** DMSO (>20 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light.

**DESCRIPTION:** HLCL-61 is a potent and selective PRMT5 (potent arginine methyltransferase 5) inhibitor. It shows no inhibitory activity against the type I (PRMT1 and PRMT4) and type II (PRMT7) PRMT family members. In vitro data shows HLCL-61 effectively inhibits symmetric arginine demethylation of histones H3 and H4 in AML samples. HLCL-61 treatment of cells showed decrease in cell vitality and effective in apoptosis promotion in MV-11 and THP-1 cells after 48 hours.

**REFERENCES:** Tarighat, S. S.*et.al.* (2016). *Leukemia* **30**, 789-799

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

A-366 (Cat. No. 2859-1, 5)

AMI-1 (Cat. No. 1943-5, 25)

Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)

5- BIX01294 (Cat. No. 1678-5, 25)

Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, 5)

BRD4770 (Cat. No.9525-5, 25)

CL7280948 (B1153)

EZSolution™ (+)-JQ1 (Cat. No. 2091-1)

3-Deazaneplanocin (Cat. No. 2060-250, 1000)

2'-Deoxy-5-fluorocytidine (Cat. No. 2387-50, 250)

EPZ-015666 (Cat. No. 9510-1,5)

HLCL-61 hydrochloride (Cat. No. B1209-5,25)

Lomeguatrib (Cat. No. 2224-5, 25)

Nanaomycin A (Cat. No. 2790-5, 25)

RG108 (Cat. No. 1679-10, 30)

SGI-1027 (Cat. No. 2726-5, 25)

TC-E 5003 (Cat. No. B1177-10, 50)

UNC0638 (Cat. No. 1933-1, 5)

UNC0642 (Cat. No. 2862-5, 25)

WDR5 polyclonal Antibody (6846)

Zebularine (Cat. No. 2225-1, 5)

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