

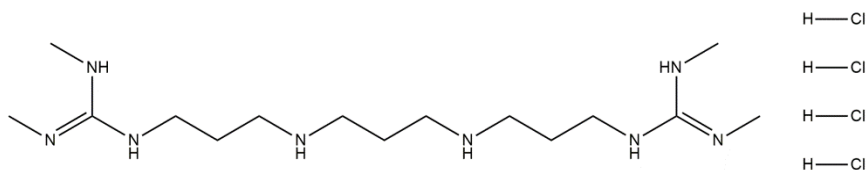
Lysine-specific Demethylase Inhibitor (1C) (Hydrochloride)

5/19

ALTERNATE NAMES: KDM1 Inhibitor I, LSD Inhibitor I, 1,11-bis(N2,N3-dimethyl-N1-guanidino)4,8-diazaundecane, tetrahydrochloride

CATALOG #: B2814-1 1 mg
B2814-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₄₀Cl₄N₈

MOLECULAR WEIGHT: 474.34

CAS NUMBER: 1234494-75-7

APPEARANCE: Crystalline solid

PURITY: ≥95%

SOLUBILITY: 50 mg/ml in Water
Soluble in DMSO

DESCRIPTION: Lysine-specific Demethylase Inhibitor (1C) inhibits Lysine-specific demethylase 1 (LSD1). LSD1 removes methyl groups from histones. The inhibitor LSD 1C increased H3K4me1 and H3K4me2, without affecting H3K9me2 levels. It induced the re-expression of aberrantly silenced genes important in the development of colon cancer, including SFRPs and GATA5.

STORAGE TEMPERATURE: -20°C

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

RELATED PRODUCTS:

GSK-LSD1 dihydrochloride (Cat. No. B1258)
 GSK-J4 hydrochloride (Cat. No. 2259)
 2,4-Pyridinedicarboxylic Acid (Cat. No. B2809)
 DiscoveryPak™ Epigenetic Modulators Set I (Cat. No. K879)
 GSK-J1 sodium salt (Cat. No. 2260)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*