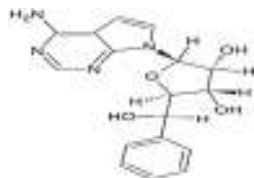


LLY-283

ALTERNATE NAME: (2R,3R,4S,5R)-2-(4-Amino-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-5-((R)-hydroxy(phenyl)methyl)tetrahydrofuran-3,4-diol, (R)-5'-phenyl-7-deazaadenosine; 6-amino-9-[(R)-5'-phenyl(ribofuranosyl)]-7-deazapurine
LLY283

CATALOG #: B2749-1 1 mg
B2749-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₈N₄O₄

MOLECULAR WEIGHT: 342.35

CAS NUMBER: 2040291-27-6

APPEARANCE: White to off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: LLY-283 is a potent, selective protein arginine methyltransferase 5 (PRMT5) inhibitor (IC₅₀ = 22 nM). It is selective for PRMT5 over a panel of 32 methyltransferases, including PRMT4, -6, and -7 at 1 μM. LLY-283 reduces proliferation of various breast, gastric, hematological, lung, skin, and ovarian cancer cell lines (IC₅₀s = 3-30 nM).

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

AMI-1 (1943)
MS023 (B2575)
GSK-3368715 (B2745)
Sinefungin (B2824)

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