

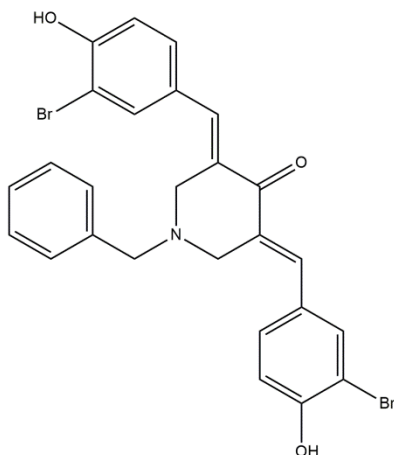
PRMT4/CARM1 Inhibitor

5/19

ALTERNATE NAMES: Protein Arginine Methyltransferase 4/Coactivator-Associated Arginine Methyltransferase 1 Inhibitor, (3E,5E)-1-benzyl-3,5-bis[(3-bromo-4-hydroxyphenyl)methylidene]piperidin-4-one, CARM1-IN-1

CATALOG #: B2808-1000 1000 µg
B2808-500 500 µg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₂₁Br₂NO₃

MOLECULAR WEIGHT: 555.26

CAS NUMBER: 1020399-49-8

APPEARANCE: Crystalline solid

PURITY: ≥95%

SOLUBILITY: ~35 mg/ml in DMSO

DESCRIPTION: PRMT4/CARM1 Inhibitor is highly selective in blocking the activity of Protein Arginine Methyltransferase 4/Coactivator-Associated Arginine Methyltransferase 1. The IC₅₀ value of inhibition is 7.1 µM. In human prostate adenocarcinoma cancer LNCaP cells, PRMT4/CARM1 inhibitor showed a significant dose-dependent reduction of the prostate-specific antigen promoter activity, at concentrations that did not affect cell viability.

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:

TC-E 5003 (Cat. No. B1177)
 AMI-5 (Cat. No. 2300)
 AMI-1 (Cat. No. 1943)
 Ellagic Acid (Cat. No. B1154)
 HLCL-61 hydrochloride (Cat. No. B1209)

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