

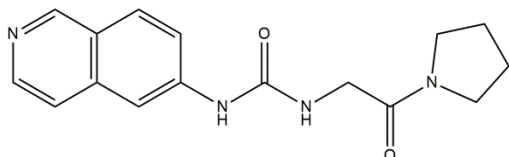
SGC707

08/19

ALTERNATE NAMES: 1-isoquinolin-6-yl-3-(2-oxo-2-pyrrolidin-1-ylethyl)urea; N-6-Isoquinolinyl-N'-[2-oxo-2-(1-pyrrolidinyl)ethyl]-urea; N-{2-[(2-Oxo-3-azepanyl)carbamoyl]phenyl}-1-benzothiophene-2-carboxamide

CATALOG #: B2846-5 5 mg
B2846-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₈N₄O₂

MOLECULAR WEIGHT: 298.34

CAS NUMBER: 1687736-54-4

APPEARANCE: A crystalline solid

PURITY: ≥98%

SOLUBILITY: ~2 mg/ml in DMSO and DMF
~5 mg/ml in ethanol

DESCRIPTION: SGC707 is a potent, selective and allosteric inhibitor of Protein arginine methyltransferase3 (PRMT3) with an IC₅₀ of 31 nM and K_D of 53 nM. It inhibits the methylation of histones in cells at a concentration of 1 μM.

STORAGE TEMPERATURE: -20°C

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

REFERENCE: Kaniskan, H., Szewczyk, M. M., Yu, Z., et al. A Potent, Selective and Cell-Active Allosteric Inhibitor of Protein Arginine Methyltransferase 3 (PRMT3)[J]. *Angewandte Chemie International Edition*, 2015, 54(17): 5166-5170.

RELATED PRODUCTS:

UNC0642 (Cat. No. 2862)
A-366 (Cat. No. 2859)
BRD4770 (Cat. No. 9525)
UNC0321 tri (trifluoroacetate salt) (Cat. No. B2837)
DiscoveryPak™ Epigenetic Modulators Set III (Cat. No. S220)

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