

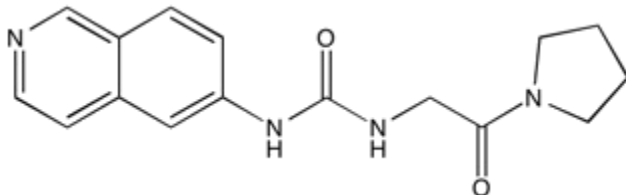
Catalog # 10-1610

SGC707

CAS# 1687736-54-4

1-Isoquinolin-6-yl-3-(2-oxo-2-pyrrolidin-1-yl-ethyl)-urea

Lot # S103148



Potent and selective allosteric inhibitor of protein arginine methyltransferase 3 (PRMT3).¹ IC₅₀ = 31 nM and selective against 31 other methyltransferases. An extremely useful probe for investigating the role of PRMT3 in normal and pathophysiology. Cell permeable and active *in vivo*.

- 1) Kaniskan *et al.* (2015), *A potent, selective and cell-active allosteric inhibitor of protein arginine methyltransferase 3 (PRMT3)*; *Angew. Chem. Int. Ed. Engl.*, **54** 5166

PHYSICAL DATA

| | |
|------------------------|--|
| Molecular Weight: | 298.34 |
| Molecular Formula: | C ₁₆ H ₁₈ N ₄ O ₂ |
| Purity: | 98% by TLC |
| | NMR: (Conforms) |
| Solubility: | Soluble in DMSO (up to 35 mg/ml) |
| Physical Description: | Beige solid |
| Storage and Stability: | Store as supplied, desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months. |

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