



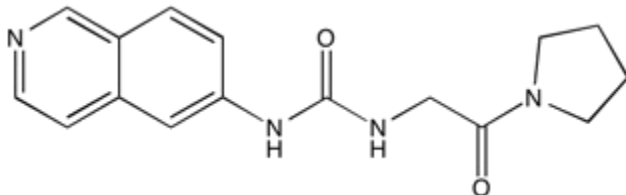
**Catalog # 10-1610**

**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).<sup>1</sup> IC<sub>50</sub> = 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 <sub>16</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub>
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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Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

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