

SGC-707, PRMT3 inhibitor

Catalog	Unit
TBI1610-5MG	5 mg
TBI1610-25MG	25 mg

Product Details

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

Molecular Formula: C₁₆H₁₈N₄O₂

Formula Weight: 298.34

CAS Number: 1687736-54-4

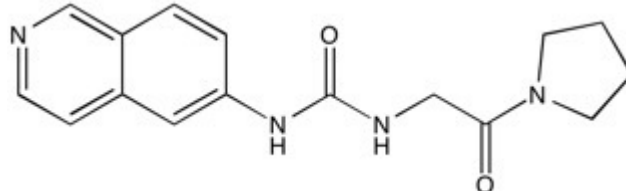
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 35 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

PRMT3 inhibitor

Functions

Potent and selective allosteric inhibitor of protein arginine methyltransferase 3 (PRMT3). 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.

Application Procedures

First dissolved in DMSO (up to 35 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.