

## PRODUCT DATA SHEET

**Product:** PQ401

**Cat. No.:** BC-328 (5 mg)

**Synonym:**

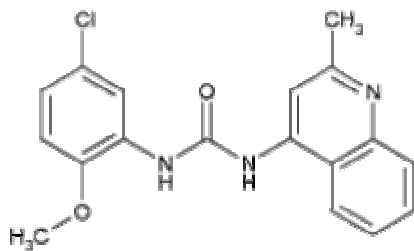
IGF-IR Inhibitor

**Description:**

Potent inhibitor of insulin-like growth factor 1 receptor (IGF-IR) signaling and breast cancer cell growth in culture and in vivo.

**Chemical Name:**

N-(5-Chloro-2-methoxyphenyl)-N'-(2-methyl-4-quinolinyl) urea



**Formula:**

$C_{18}H_{16}ClN_3O_2$

**CAS Number:**

196868-63-0

**Molecular Weight:**

341.8

**Solubility:**

Soluble in DMSO at 10 mg/mL and methanol at 7 mg/mL.

**Melting Point:**

208 - 210°C

**Format:**

Off-white solid.

**Purity:**

≥98% as determined by HPLC.

**Storage:**

Store long term at -20°C. After reconstitution, prepare aliquots and store at -20°C.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.