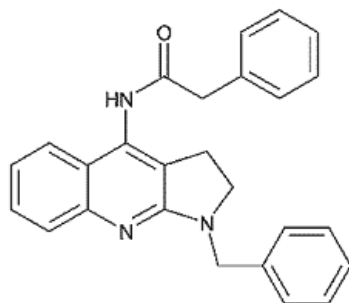


## PRODUCT DATA SHEET

**Product:** PGP-4008

**Cat. No.:** BC-090 (2 mg)



**Chemical Name:**

N-(1-Benzyl-2,3-dihydro-1H-pyrrolo[2,3-b]quinolin-4-yl)-2-phenylacetamide

**Formula:**

C<sub>26</sub>H<sub>23</sub>N<sub>3</sub>O

**Molecular Weight:**

393.5

**Description:**

Selective P-glycoprotein (Pgp) inhibitor. Effectively reverses Pgp mediated drug resistance in NCI/ADR cells, but has no effect on the drug sensitivities of MCF-7/VP cells that overexpress MRP1.

**Solubility:**

Soluble in methanol, 100% ethanol (3 mg/mL) or DMSO (20 mg/mL).

**Format:**

White to off white powder

**Purity:**

≥ 98%

**Storage:**

Store at -20°C. Keep dry.

**CAUTION:**

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

If you are not fully trained or are unaware of the hazards involved, do not use this compound.

**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.