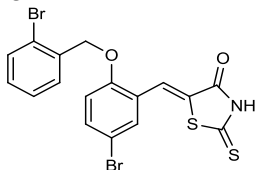


PRODUCT: PRL-3 Inhibitor

ALTERNATE NAME: 5-[[5-Bromo-2-[(2-bromophenyl)methoxy]phenyl]methylene]-2-thioxo-4-thiazolidinone; P0108; BR-1; PTP4A3 Inhibitor

CATALOG NUMBER: B1825-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₇H₁₁Br₂NO₂S₂

MOLECULAR WEIGHT: 485.2

CAS NUMBER: 893449-38-2

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (~25 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: P0108 is a potent inhibitor of phosphatase of regenerating liver-3 (PRL-3) (IC₅₀ = 0.9 μM). It reduces the invasive properties of mouse melanoma B16F10 cells in a cellular model. Sensitizes PRL-3-expressing cancer cells to chemotherapeutics. Inhibits dephosphorylation of tyrosine-783 of integrin β1 in BGC823 and SW480 cells.

REFERENCES: Ahn, J.H., *et al.* (2006). *Bioorg. Med. Chem. Lett.* **16**, 2996-2999

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

RELATED PRODUCTS:

AEBSF, HCl (**Cat. No. 1644-200, 1G**)

Aprotinin (**Cat. No. 4690-5, 100, 1000**)

BCA Protein Quantitation Kit (**Cat. No. K812-1000**)

Cytostatin sodium (**Cat. No. B1240-250**)

E-64 (**Cat. No. 1739-5, 25**)

EZBlock™ Phosphatase Inhibitor Cocktail III (**Cat. No. K276-1, set**)

EZBlock™ Phosphatase Inhibitor Cocktail IV (**Cat. No. K282-1, set**)

EZBlock™ Phosphatase Inhibitor Cocktail I (50X) (**Cat. No. K273-1, set**)

EZBlock™ Protease Inhibitor Cocktail II (**Cat. No. K277-set**)

EZBlock™ Protease Inhibitor Cocktail III (**Cat. No. K278-set**)

EZBlock™ Protease Inhibitor Cocktail IV (**Cat. No. K279-1, set**)

EZBlock™ Protease Inhibitor Cocktail EDTA-Free (**Cat. No. K272-1, 5, set**)

EZBlock™ Protease Inhibitor Cocktail V, EDTA-Free (**Cat. No. K290-1, set**)

EZBlock™ Protease Inhibitor Cocktail VI, General Use (**Cat. No. K291-1, set**)

EZBlock™ Protease Inhibitor Cocktail VII (**Cat. No. K292-1, set**)

EZBlock™ Protease Inhibitor Cocktail VIII (**Cat. No. K293-1, set**)

EZBlock™ Protease Inhibitor Cocktail IX (**Cat. No. K294-1, set**)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail (**Cat. No. K283-1, set**)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail, EDTA-Free (**Cat. No. K284-1, set**)

EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, 500**)

EZLys™ Lysozyme, Human (**Cat. No. 8005-1G, 5G**)

Okadaic Acid (**Cat. No. 1543-025**)

Okadaic Acid, Ammonium Salt (**Cat. No. 1766-025**)

Okadaic Acid, Potassium Salt (**Cat. No. 1765-025**)

Okadaic Acid, Sodium Salt (**Cat. No. 1764-025**)

Leupeptin, Hemisulfate (**Cat. No. 1648-25, 50, 100**)

Pepstatin A (**Cat. No. 1732-25, 100**)

Protease Inhibitor Cocktail (**Cat. No. K271-500**)

PMSF (**Cat. No. 1548-5**)

Rubratoxin A (**Cat. No. B1239-250, 500**)

SHP099 hydrochloride (**Cat. No. B1308-5,25**)

Tautomycin (**Cat. No. B1237-10, 50**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**