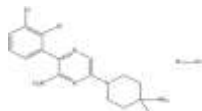


PRODUCT: SHP099 hydrochloride**ALTERNATE NAME:** 6-(4-amino-4-methylpiperidin-1-yl)-3-(2,3-dichlorophenyl)pyrazin-2-amine hydrochloride**CATALOG #:** B1308-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₂₀Cl₃N₅**MOLECULAR WEIGHT:** 388.72**CAS NUMBER:** 1801747-11-4**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** SHP099 is a potent, and selective, SHP2 inhibitor (IC₅₀ = 0.07 μM) and p-ERK modulation in cells (IC₅₀ = 0.250 μM). SHP099 displays dose-dependent pathway inhibition and antitumor activity in xenograft models.**REFERENCES:** Chen, Y.P., *et al.* (2016). *Nature* **535**, 148-152.**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**