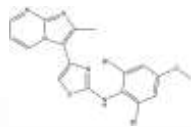


**PRODUCT: PTC-209**

<b>ALTERNATE NAME:</b>	N-(2,6-Dibromo-4-methoxyphenyl)-4-(2-methylimidazo[1,2-a]pyrimidin-3-yl)thiazol-2-amine
<b>CATALOG #:</b>	B1055-5, 25
<b>AMOUNT:</b>	5 mg, 25 mg
<b>STRUCTURE:</b>	
<b>MOLECULAR FORMULA:</b>	C <sub>17</sub> H <sub>13</sub> Br <sub>2</sub> N <sub>5</sub> OS
<b>MOLECULAR WEIGHT:</b>	495.19
<b>CAS NUMBER:</b>	315704-66-6
<b>APPEARANCE:</b>	Off-white solid
<b>SOLUBILITY:</b>	DMSO (>40 mg/ml)
<b>PURITY:</b>	≥98% by HPLC
<b>STORAGE:</b>	Store at -20°C. Protect from air and light
<b>DESCRIPTION:</b>	PTC-209 is a potent, cell-permeable, BMI-1 inhibitor (IC <sub>50</sub> = 0.5 μM) with potential anticancer activity. PTC-209 lowers the self-renewal properties of colorectal cancer-initiating cells (CICs). PTC-209 inhibits tumor growth, and reduces the levels of CICs present in colon cancer tumor xenografts in mice.
<b>REFERENCES:</b>	Kreso, A., <i>et al.</i> (2014). <i>Nat.Med.</i> <b>20</b> , 29-36.

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

**RELATED PRODUCTS:**

DiscoveryPak™ Stem Cell Fate Regulator Set I (**Cat. No. K852-3**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set II (**Cat. No. K853-8**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set III (**Cat. No. K854-3**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set IV (**Cat. No. K855-3**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set V (**Cat. No. K865-5**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set VI (**Cat. No. K866-5**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set VII (**Cat. No. K866-10**)  
 (±) –Bay K 8644 (**Cat. No. 1682-5**)  
 BIX01294 (**Cat. No. 1678-5, 25**)  
 CHIR99021 (**Cat. No. 1677-5, 25**)  
 EZSolution™ CHIR99021 (**Cat. No. 1748-5**)  
 GSK429286A (**Cat. No. 2637-1, 5**)  
 PD0325901 (**Cat. No. 1643-2**)  
 PluriSin1 (**Cat. No. 2471-10, 50**)  
 PS-48 (**Cat. No. 1869-5**)  
 Pyrintegrin (**Cat. No. 1729-1,5**)  
 EZSolution™ Pyrintegrin (**Cat. No. 1737-1**)  
 RepSox (**Cat. No. 1894-5, 25**)  
 Reversine (**Cat. No. 1851-1, 5**)  
 RG 108 (**Cat. No. 1679-10,30**)  
 SB-431542 (**Cat. No. 1674-1**)  
 EZSolution™ SB-431542 (**Cat. No. 1872-1**)  
 SCD1 Inhibitor (**Cat. No. 1716-1, 5**)  
 Sodium Butyrate (**Cat. No. 1609-100, 1000**)  
 StemBoost™ Reprogramming Cocktail Set I (**Cat. No. K869-1ML, 5ML, 1set**) StemBoost™  
 Reprogramming Cocktail Set II (**Cat. No. K870-1ML, 5ML, 1set**)  
 Thiazovivin (**Cat. No. 1681-1,5**)  
 EZSolution™ Thiazovivin (**Cat. No. 1736-1**)  
 Tranlylcypromine Hemisulfate (Parnate) (**Cat. No. 1816-25,100**)  
 Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)  
 Y-27632,2 HCl (**Cat. No. 1596-1, 5, 50**)  
 EZSolution™ Y-27632, HCl (**Cat. No. 1784-5**)

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