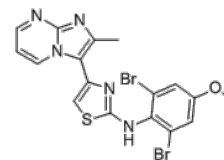


Product Name : PTC-209
Cat. No. : PC-36171
CAS No. : 315704-66-6
Molecular Formula : C₁₇H₁₃Br₂N₅OS
Molecular Weight : 495.2
Target : BMI-1
Solubility : 10 mM in DMSO



Biological Activity

PTC-209 (PTC209) is a specific **BMI-1** inhibitor with IC₅₀ of 0.5 μM, irreversibly impairs colorectal cancer-initiating cell (CIC) growth.

PTC-209 causes cell cycle arrest at the G1/S checkpoint in biliary tract cancer (BTC) cells, decreases BMI1 and increases p16 protein expression in canine OSA cell lines.

PTC-209 reduces tumor growth in CIC xenograft assays and abrogates colorectal cancer cell self-renewal in vivo, reducing their tumorigenic potential.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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