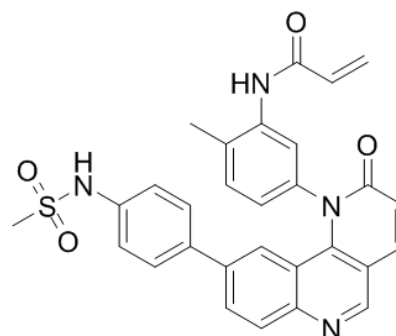


Product Name : BMX-IN-1
Cat. No. : PC-46005
CAS No. : 1431525-23-3
Molecular Formula : C₂₉H₂₄N₄O₄S
Molecular Weight : 524.5903
Target : BMX Kinase
Solubility : 10 mM in DMSO



Biological Activity

BMX-IN-1 (CAS 1431525-23-3) is a potent, selective, irreversible inhibitor of **BMX kinase** with IC₅₀ of 8 nM. BMX-IN-1 also inhibits BTK with IC₅₀ of 10.4 nM and displays 47-656-fold less potent for Blk, JAK3, EGFR, Itk, or Tec. BMX-IN-1 inhibits the proliferation of Tel-BMX-transformed Ba/F3 prostate cancer cells with GI₅₀ of 25 nM, exhibits antiproliferative activity in RV-1, DU-145, PC-3, and VCAP prostate cancer cell lines with GI₅₀ of 2-5 μM.

References

Liu F, et al. *ACS Chem Biol*. 2013 Jul 19;8(7):1423-8.

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

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