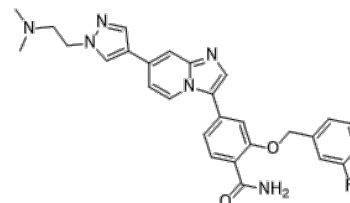


Product Name : MBM-55
Cat. No. : PC-27599
CAS No. : 2083622-09-5
Molecular Formula : C₂₈H₂₇N₆O₂
Molecular Weight : 498.56
Target : Hec1/Nek2
Solubility : 10 mM in DMSO



Biological Activity

MBM-55 is a potent, selective NIMA-related kinase 2 (**NEK2**) inhibitor with IC₅₀ of 1.0 nM. MBM-55 effectively inhibits proliferation of MGC-803 cells with IC₅₀ of 0.53 μM. MBM-55 induces G2/M phase arrest and accumulation of cells in HCT-116 and MGC-803 cells. MBM-55 triggers apoptosis of cancer cells.

References

Xi JB, et al. *Eur J Med Chem.* 2017 Jan 27;126:1083-1106.

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

E-mail: tech@probechem.com