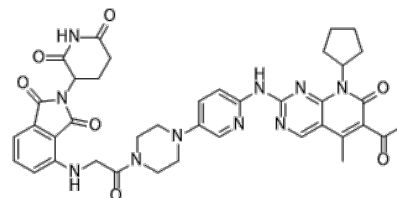


Product Name : MS140
Cat. No. : PC-22394
CAS No. : 2229974-83-6
Molecular Formula : C₃₉H₄₀N₁₀O₇
Molecular Weight : 760.81
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

MS140 is a potent and selective, CRBN-dependent CDK4/6-degrader (PROTAC) with IC₅₀ of 0.38 nM and 0.28 nM against CDK4/cyclin D1 and CDK6/cyclin D1, suppresses Rb/E2F signaling and reduces CDK4 and CDK6 protein levels.

MS140 does not degrade CDK7 or CDK9.

MS140 is more effective than CDK4/6 inhibitors in CDK4/6i-S tumor cells.

References

Xuewei Wu, et al. Nat Cancer. 2021 Apr;2(4):429-443.

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

E-mail: tech@probechem.com