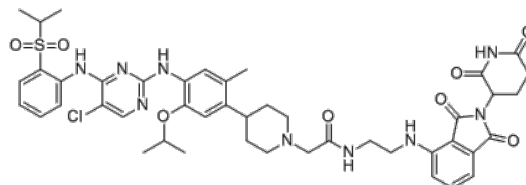


Product Name : MS4078
Cat. No. : PC-63528
CAS No. : 2229036-62-6
Molecular Formula : C₄₅H₅₂ClN₉O₈S
Molecular Weight : 914.476
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

MS4078 is a novel **PROTAC** (degrader) of ALK, potently decreases cellular levels of oncogenic active ALK fusion proteins in a concentration- and time-dependent manner in SU-DHL-1 lymphoma and NCI-H2228 lung cancer cells (DC50=11 nM). MS4078 induces ALK protein degradation via cereblon and proteasome dependent mechanism, potently inhibits proliferation of SU-DHL-1 cells with IC50 of 33 nM.

References

Zhang C, et al. *Eur J Med Chem.* 2018 May 10;151:304-314.

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

E-mail: tech@probechem.com