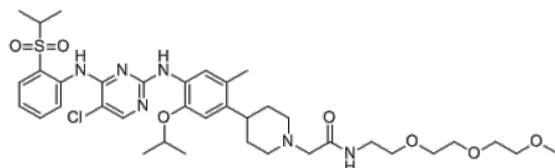


**Product Name** : MS4077  
**Cat. No.** : PC-63529  
**CAS No.** : 2230077-10-6  
**Molecular Formula** : C<sub>55</sub>H<sub>72</sub>ClN<sub>9</sub>O<sub>13</sub>S  
**Molecular Weight** : 1134.741  
**Target** : PROTAC  
**Solubility** : 10 mM in DMSO



## Biological Activity

MS4077 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=3 nM). MS4077 induces ALK protein degradation via cereblon and proteasome dependent mechanism, potently inhibits proliferation of SU-DHL-1 cells with IC50 of 46 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!**

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