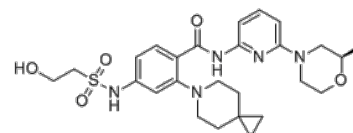


Product Name : AM-5308
Cat. No. : PC-49614
CAS No. : 2410796-89-1
Molecular Formula : C₂₆H₃₅N₅O₅S
Molecular Weight : 529.66
Target : Kinesin
Solubility : 10 mM in DMSO



1. Nuria A Tamayo, et al. *J Med Chem*. 2022 Mar 24;65(6):4972-4990.
2. WO2021211549A1, C13.
3. Marc Payton, et al. *Nat Cancer*. 2023 Dec 27. doi: 10.1038/s43018-023-00699-5.

Biological Activity

AM-5308 is a potent, selective mitotic kinesin **KIF18A** inhibitor with IC₅₀ of 47 nM in kinesin-8 microtubule (MT)-ATPase motor assays.

AM-5308 exhibited good specificity against a panel of diverse kinesin motor proteins, except for the KIF19A motor (IC₅₀=224 nM).

References

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

E-mail: tech@probechem.com