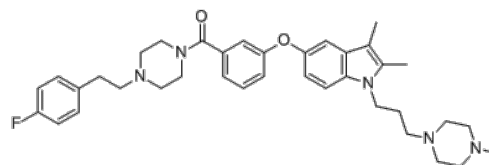


Product Name : ATM-3507
Cat. No. : PC-35924
CAS No. : 1861449-70-8
Molecular Formula : C₃₇H₄₆FN₅O₂
Molecular Weight : 611.806
Target : Microtubule/Tubulin
Solubility : 10 mM in DMSO



Biological Activity

ATM-3507 (ATM3507) is a small molecule inhibitor of Tpm3.1 **tropomyosin** isoform, disrupts Tpm3.1-containing microfilaments in SK-N-SH cells at 5 uM.

ATM-3507 shows cancer cell cytotoxicity comparable with the first-in-class tool compound TR100.

ATM-3507 also shows a strong synergistic effect when TR100 or ATM-3507 were combined with antimicrotubule agents in both in vitro and in vivo neuroblastoma models.

References

Currier MA, et al. Mol Cancer Ther. 2017 Aug;16(8):1555-1565.

Mitchell CB, et al. Cytoskeleton (Hoboken). 2018 Jul;75(7):307-317.

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

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