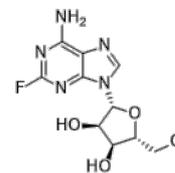


Product Name : BAL0891
Cat. No. : PC-22996
CAS No. : 2734853-80-4
Molecular Formula : C₁₀H₁₁ClFN₅O
Molecular Weight : 303.67
Target : Monopolar Spindle 1 (Mps1/TTK)
Solubility : 10 mM in DMSO



CAS: 2734853-80-4

Biological Activity

BAL0891 is a first in class, potent dual **TTK/PLK1** inhibitor with IC₅₀ of 0.4/46 nM respectively. BAL0891 elicits a prolonged effect on TTK, with a transient activity on PLK1. BAL0891 induces spindle assembly checkpoint (SAC) disruption and aberrant mitotic exit. BAL0891 elicits potent, single agent antitumor activity in TNBC mouse xenograft models. BAL0891 synergizes with paclitaxel and carboplatin in mouse TNBC models.

References

Elisa Zanini, et al. *Front Oncol.* 2024 Aug 9:14:1447807.

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

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