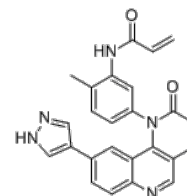


Product Name : QL-X-138
Cat. No. : PC-63076
CAS No. : 1469988-63-3
Molecular Formula : C₂₅H₁₉N₅O₂
Molecular Weight : 421.46
Target : MNK
Solubility : 10 mM in DMSO



Biological Activity

QL-X-138 is a selective and potent **BTK/MNK** dual kinase inhibitor with IC₅₀ of 8, 107.4, and 26 nM for BTK, MNK1, and MNK2, respectively.

QL-X-138 exhibits covalent binding to BTK and noncovalent binding to MNK.

QL-X-138 enhances the antiproliferative efficacies in vitro against a variety of B-cell cancer cell lines, as well as AML and CLL primary patient cells.

QL-X-138 arrests cell cycle progression and strongly induces apoptosis.

References

Wu H, et al. *Leukemia*. 2016 Jan;30(1):173-81.

Wang B, et al. *Eur J Med Chem*. 2017 Sep 8;137:545-557.

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

E-mail: tech@probechem.com