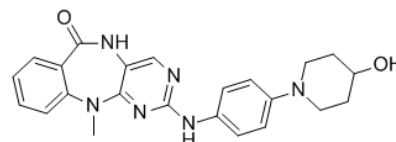


**Product Name** : XMD16-5  
**Cat. No.** : PC-42339  
**CAS No.** : 1345098-78-3  
**Molecular Formula** : C<sub>23</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 416.47566  
**Target** : Ack1 (TNK2)  
**Solubility** : DMSO: ≥ 29 mg/mL



### Biological Activity

XMD16-5 is a potent **Ack1 (TNK2)** inhibitor with IC<sub>50</sub> of 0.38 uM in ELISA assay.

XMD16-5 exhibits potent inhibition of growth of the TNK2 mutant expressing cell lines with IC<sub>50</sub>s of 16 nM and 77 nM for the D163E and R806Q mutations.

### References

Miduturu CV, et al. **Chem Biol.** 2011 Jul 29;18(7):868-79.

Maxson JE, et al. **Cancer Res.** 2016 Jan 1;76(1):127-38.

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

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