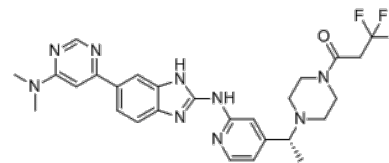


**Product Name** : BAY-985  
**Cat. No.** : PC-73128  
**CAS No.** : 2409479-29-2  
**Molecular Formula** : C<sub>27</sub>H<sub>30</sub>F<sub>3</sub>N<sub>9</sub>O  
**Molecular Weight** : 553.594  
**Target** : IκB kinase (IKK)  
**Solubility** : 10 mM in DMSO



### Biological Activity

BAY-985 (BAY985) is a potent and highly selective **TBK1/IKKε** inhibitor with IC<sub>50</sub> of 2 nM (low ATP assay). BAY-985 displays high potency in the mechanistic pIRF3 assay (IC<sub>50</sub>=74 nM), and an antiproliferative effect on SK-MEL-2 cells (IC<sub>50</sub>=900 nM). BAY-985 displayed good selectivity toward FLT3 (60×), RSK4 (138×), DRAK1 (155×), and ULK1 (~4000×), as well as high selectivity against in the DiscoverX KINOMEScan with exception of YSK4. BAY-985 shows only weak antitumor activity in the SK-MEL-2 human melanoma xenograft model.

### References

Lefranc J, et al. *J Med Chem*. 2020 Jan 23;63(2):601-612.

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

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