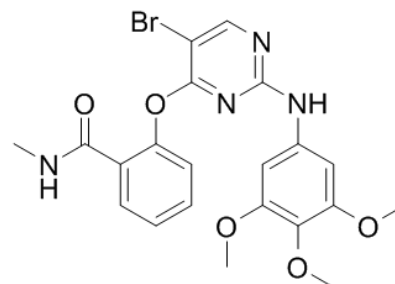


**Product Name** : SBI-0206965  
**Cat. No.** : PC-45106  
**CAS No.** : 1884220-36-3  
**Molecular Formula** : C<sub>21</sub>H<sub>21</sub>BrN<sub>4</sub>O<sub>5</sub>  
**Molecular Weight** : 489.3192  
**Target** : ULK  
**Solubility** : 10 mM in DMSO



## Biological Activity

SBI-0206965 (SBI 0206965) is a potent and specific small molecule **ULK1 kinase** inhibitor with IC<sub>50</sub> of 108 nM. SBI-0206965 displays 7-fold less potency for ULK2 (IC<sub>50</sub>=711 nM). SBI-0206965 inhibits Beclin1 Ser15 and Vps34 Ser249 phosphorylation to comparable extents in HEK-293T cells. SBI-0206965 suppresses autophagy induced by mTOR inhibition and prevents ULK1-dependent cell survival. SBI-0206965 greatly synergizes with mTOR inhibitors to kill tumor cells.

## References

Egan DF, et al. *Mol Cell*. 2015 Jul 16;59(2):285-97.

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

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