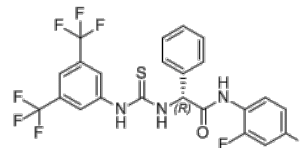


**Product Name** : BL-918  
**Cat. No.** : PC-63368  
**CAS No.** : 2101517-69-3  
**Molecular Formula** : C<sub>23</sub>H<sub>15</sub>F<sub>8</sub>N<sub>3</sub>OS  
**Molecular Weight** : 533.44  
**Target** : ULK  
**Solubility** : 10 mM in DMSO



### Biological Activity

BL-918 is a small molecule activator of **ULK1** with EC<sub>50</sub> of 24 nM (243% kinase activity at 100 nM), induces autophagy via the ULK complex in SH-SY5Y cells.

BL-918 displays a cytoprotective effect on MPP<sup>+</sup>-treated SH-SY5Y cells, as well as protected against MPTP-induced motor dysfunction and loss of dopaminergic neurons by targeting ULK1-modulated autophagy in mouse models of PD.

### References

Ouyang L, et al. *J Med Chem*. 2018 Apr 12;61(7):2776-2792.

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

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