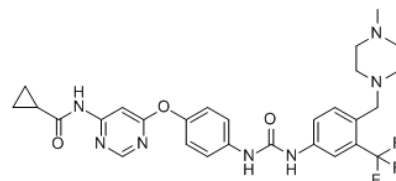


**Product Name** : WS-3  
**Cat. No.** : PC-43044  
**CAS No.** : 1421227-52-2  
**Molecular Formula** : C<sub>28</sub>H<sub>30</sub>F<sub>3</sub>N<sub>7</sub>O<sub>3</sub>  
**Molecular Weight** : 569.5781  
**Target** : IκB kinase (IKK)  
**Solubility** : DMSO: ≥ 43 mg/mL



## Biological Activity

A small molecule that can induce proliferation of β cells with EC<sub>50</sub> of 74 nM; modulates the activity of Erb3 binding protein-1 and the IκB kinase pathway; can reversibly proliferates primary RPE cells isolated from fetal and adult human donors.

## References

- Swoboda JG, et al. ACS Chem Biol. 2013 Jul 19;8(7):1407-11.  
Shen W, et al. J Am Chem Soc. 2013 Feb 6; 135(5):1669-72.

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

E-mail: tech@probechem.com