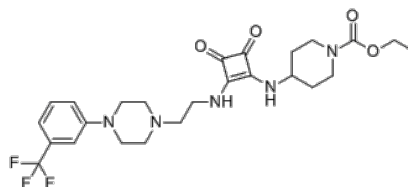


**Product Name** : Squarunkin A  
**Cat. No.** : PC-38544  
**CAS No.** : 2101958-02-3  
**Molecular Formula** : C<sub>25</sub>H<sub>32</sub>F<sub>3</sub>N<sub>5</sub>O<sub>4</sub>  
**Molecular Weight** : 523.557  
**Target** : Src  
**Solubility** : 10 mM in DMSO



## Biological Activity

Squarunkin A is a small molecule **UNC119-cargo** interaction inhibitor, selectively inhibits the binding of the N-terminus of **Src** kinase to UNC119A with IC<sub>50</sub> of 10 nM.

Squarunkin binds to UNC119 proteins in cell lysate and interferes with the activation of Src kinase.

Small-molecule inhibition of the UNC119-cargo interaction might provide new opportunities for modulating the activity of Src kinases.

## References

Tom Mejuch, et al. *Angew Chem Int Ed Engl.* 2017 May 22;56(22):6181-6186.

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

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