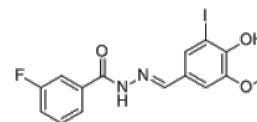


**Product Name** : Endosidin 2  
**Cat. No.** : PC-70315  
**CAS No.** : 1839524-44-5  
**Molecular Formula** : C<sub>15</sub>H<sub>12</sub>FIN<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 414.17  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

Endosidin 2 (Endosidin2, ES2) is a small molecule binds to the **EXO70** (exocyst component of 70 kDa) subunit of the exocyst complex (K<sub>d</sub>=253 uM), resulting in inhibition of exocytosis and endosomal recycling in both plant and human cells and enhancement of plant vacuolar trafficking.

## References

Zhang C, et al. *Proc Natl Acad Sci U S A*. 2016 Jan 5;113(1):E41-50.

Drakakaki G, et al. *Proc Natl Acad Sci U S A*. 2011 Oct 25;108(43):17850-5.

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

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