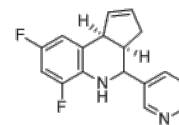


**Product Name** : Golgicide A  
**Cat. No.** : PC-62234  
**CAS No.** : 1139889-93-2  
**Molecular Formula** : C<sub>17</sub>H<sub>14</sub>F<sub>2</sub>N<sub>2</sub>  
**Molecular Weight** : 284.31  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

Golgicide A is a potent, highly specific, reversible inhibitor of the cis-Golgi **ArfGEF GBF1**, inhibits the effect of shiga toxin on protein synthesis with IC<sub>50</sub> of 3.3 μM.

Golgicide A causes complete dispersal of the medial-Golgi markers giantin and the cis-Golgi marker GM130

Golgicide A causes a decrease in GBF1-mediated Arf1 activation; inhibits swine vesicular disease virus (SVDV) production.

## References

Sáenz JB, et al. *Nat Chem Biol*. 2009 Mar;5(3):157-65.

Ignashkova TI, et al. *Traffic*. 2017 Aug;18(8):530-544.

Vázquez-Calvo Á, et al. *Front Microbiol*. 2016 Apr 27;7:612.

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

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