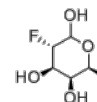


**Product Name** : SGN-2FF  
**Cat. No.** : PC-73175  
**CAS No.** : 2089647-47-0  
**Molecular Formula** : C<sub>6</sub>H<sub>11</sub>FO<sub>4</sub>  
**Molecular Weight** : 166.15  
**Target** : Other Targets  
**Solubility** : DMSO: 50 mg/mL H<sub>2</sub>O: 30 mg/mL



## Biological Activity

SGN-2FF is a potent and orally active inhibitor of **glycoprotein fucosylation**, directly inhibits **fucosyltransferase** activity. SGN-2FF inhibits cellular fucosylation by depletion of the fucosylation substrate GDP-fucose, as well as by direct inhibition of fucosyltransferases, leading to the production of afucosylated glycoproteins including antibodies. SGN-2FF has antitumor activity in multiple mouse tumor models, showing substantial tumor growth delay. SGN-2FF activates human T cells in an antigen-dependent manner, also enhanced the protective effect of a lymphoma vaccine in a syngeneic mouse model.

## References

Khanh T Do, et al. *Oncologist*. 2021 Nov;26(11):925-e1918.  
Stephen C. Alley, et al. *Cancer Res* (2017) 77 (13\_Supplement): DDT02-02.

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

E-mail: tech@probechem.com