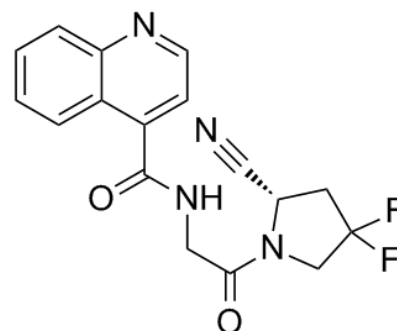


**Product Name** : SP-13786  
**Cat. No.** : PC-42224  
**CAS No.** : 1448440-52-5  
**Molecular Formula** : C<sub>17</sub>H<sub>14</sub>F<sub>2</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 344.3155  
**Target** : Dipeptidyl Peptidase (DPP)  
**Solubility** : 10 mM in DMSO



## Biological Activity

SP-13786 is a highly potent, selective, orally bioavailable inhibitor of **fibroblast activation protein** (FAP) with IC<sub>50</sub> of 3.2 nM.

SP-13786 displays high selectivity against the related DPPs: DPPIV, DPP9, DPPII, and PREP (IC<sub>50</sub>=1.8 μM).

SP-13786 demonstrates high oral bioavailability, plasma half-life, and the potential to selectively and completely inhibit FAP in vivo.

## References

Jansen K, et al. *J Med Chem*. 2014 Apr 10;57(7):3053-74.

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

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