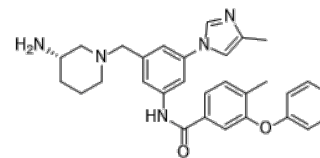


**Product Name** : PCSK9 inhibitor 3f  
**Cat. No.** : PC-24178  
**CAS No.** : 2244129-23-3  
**Molecular Formula** : C<sub>30</sub>H<sub>33</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 495.63  
**Target** : PCSK9  
**Solubility** : 10 mM in DMSO



CAS: 2244129-23-3

## Biological Activity

PCSK9 inhibitor 3f is a small molecule, orally bioavailable inhibitor of PCSK9 that antagonizes PCSK9-LDLR interaction with IC<sub>50</sub> of 537 nM.

PCSK9 inhibitor 3f shows no inhibitory activity (IC<sub>50</sub> > 10 μM) against a small panel of kinases.

PCSK9 inhibitor 3f restored LDL uptake by liver cells at sub-micromolar levels and demonstrated excellent bioavailability when delivered subcutaneously in mice.

PCSK9 inhibitor 3f lowered total cholesterol levels in the plasma of wild-type mice.

## References

Evison BJ, et al. Bioorg Med Chem. 2020 Mar 15;28(6):115344.

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

E-mail: tech@probechem.com