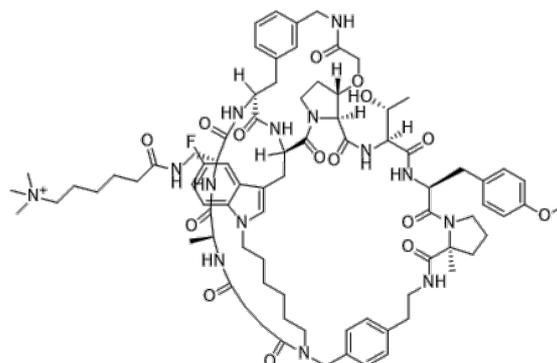


**Product Name** : Enlicitide decanoate  
**Cat. No.** : PC-26305  
**CAS No.** : 2861205-06-1  
**Molecular Formula** : C<sub>82</sub>H<sub>110</sub>FN<sub>14</sub>O<sub>15</sub>·C<sub>10</sub>H<sub>19</sub>O<sub>2</sub>  
**Molecular Weight** : 1722.09  
**Target** : PCSK9  
**Solubility** : 10 mM in DMSO



## Biological Activity

Enlicitide decanoate (MK-0616) is a highly potent, orally bioavailable macrocyclic peptide inhibitor of proprotein convertase subtilisin/kexin type 9 (PCSK9) with  $K_i$  of 5 pM, binds to the LDLR binding domain of PCSK9.

Enlicitide (MK-0616) inhibits PCSK9 with an  $IC_{50}$  2.5 nM in human plasma.

Enlicitide (MK-0616) has no observed off-target activity at 10  $\mu$ M in 122 receptor, ion channel, enzyme radioligand binding, and cellular assays in the Eurofins Cerep Panlabs screening panel.

Enlicitide (MK-0616) is not only able to reduce LDL-cholesterol, non-HDL-cholesterol, and apoB, but can also lower Lp(a).

## References

Li H, et al. J Am Chem Soc. 2025 Apr 2;147(13):11036-11048.

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

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