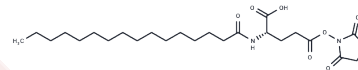


## Pal-Glu(OSu)-OH

## Chemical Properties

CAS No. :	294855-91-7
Formula:	C <sub>25</sub> H <sub>42</sub> N <sub>2</sub> O <sub>7</sub>
Molecular Weight:	482.618
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Pal-Glu(OSu)-OH, a side chain specific to Liraglutide, is a glucagon-like peptide-1 (GLP-1) receptor agonist used in type 2 diabetes mellitus research.
Targets(IC50)	Others,Glucagon Receptor
In vitro	Liraglutide binds to the same receptors as the endogenous metabolic hormone GLP-1 [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.072 mL	10.3601 mL	20.7202 mL
5 mM	0.4144 mL	2.072 mL	4.144 mL
10 mM	0.2072 mL	1.036 mL	2.072 mL
50 mM	0.0414 mL	0.2072 mL	0.4144 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Ying Wang, et al. Transformation of oligomers of lipidated peptide induced by change in pH. Mol Pharm. 2015 Feb 2;12(2):411-9.

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