

## GLP-1 moiety from Dulaglutide

<b>Cat. No.:</b>	HY-P1348	
<b>CAS No.:</b>	1197810-60-8	
<b>Molecular Formula:</b>	C <sub>149</sub> H <sub>221</sub> N <sub>37</sub> O <sub>49</sub>	
<b>Molecular Weight:</b>	3314.62	HGEGTFTSDVSSYLEEQAAKEFIAWLKGGG
<b>Sequence Shortening:</b>	HGEGTFTSDVSSYLEEQAAKEFIAWLKGGG	
<b>Target:</b>	GCCR	
<b>Pathway:</b>	GPCR/G Protein	
<b>Storage:</b>	Sealed storage, away from moisture	
	Powder    -80°C    2 years	
	-20°C    1 year	
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 25 mg/mL (7.54 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
1 mM			0.3017 mL	1.5085 mL	3.0169 mL
5 mM			0.0603 mL	0.3017 mL	0.6034 mL
10 mM			---	---	---

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

GLP-1 moiety from Dulaglutide is a 31-amino acid fragment of Dulaglutide which is a glucagon-like peptide 1 receptor (GLP-1) agonist, extracted from patent US 20160369010 A1.

### REFERENCES

[1]. Anthony Celeste, et al. Anti-pcsk9-glp-1 fusions and methods for use. US 20160369010 A1.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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