

Dapiglutide

Cat. No.:	HY-P3291
CAS No.:	2296814-85-0
Molecular Formula:	C ₁₉₂ H ₃₀₂ N ₄₆ O ₅₇
Molecular Weight:	4166.79
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

Dapiglutide

SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (12.00 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.2400 mL	1.2000 mL	2.3999 mL
	5 mM	0.0480 mL	0.2400 mL	0.4800 mL
	10 mM	0.0240 mL	0.1200 mL	0.2400 mL

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

BIOLOGICAL ACTIVITY

Description

Dapiglutide (ZP7570) is a long-acting glucagon-like peptide-1 receptor 1R (GLP-1R)/Glucagon-like peptide-2 receptor (GLP-2R) dual agonist. Dapiglutide can be used for short bowel syndrome (SBS) research^[1].

REFERENCES

[1]. Zealand Pharma doses first subject in Phase 1 clinical trial with potential next generation dual-acting peptide therapeutic for short bowel syndrome. 26 June 2019.

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

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