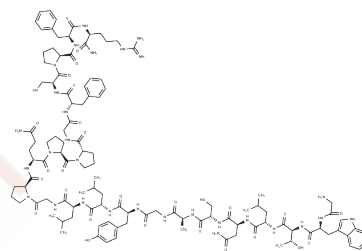


M617

## Chemical Properties

CAS No. : 860790-38-1  
 Formula: C<sub>112</sub>H<sub>161</sub>N<sub>29</sub>O<sub>28</sub>  
 Molecular Weight: 2361.68  
 Storage: Keep away from moisture  
 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	Selective galanin GAL1 receptor agonist (K <sub>i</sub> values are 0.23 and 5.71 nM for GAL1 and GAL2 receptors respectively). Enhances food consumption in rats following i.c.v. administration and reduces CAP-induced inflammatory pain.
Targets(IC50)	Neuropeptide Y Receptor

## Solubility Information

Solubility H<sub>2</sub>O: 1 mg/mL (0.42 mM), Sonication is recommended.  
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4234 mL	2.1171 mL	4.2343 mL
5 mM	0.0847 mL	0.4234 mL	0.8469 mL
10 mM	0.0423 mL	0.2117 mL	0.4234 mL
50 mM	0.0085 mL	0.0423 mL	0.0847 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

Mazarati et al (2006) Regulation of kindling epileptogenesis by hippocampal galanin type 1 and type 2 receptors: the effects of subtype-selective agonists and the role of G-protein-mediated signaling. J.Pharmacol.Exp.Ther. 318 700 PMID:

Jimenez-Andrade et al (2006) Activation of peripheral galanin receptors: differential effects on nociception. Pharmacol.Biochem.Behav. 85 273 PMID:

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