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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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M617 acetate

Chemical Properties

CAS No. :

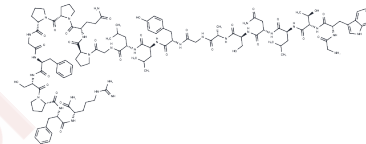
Formula: C₁₁₂H₁₆₁N₂₉O₂₈

Molecular Weight: 2361.65

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	M617 acetate is a selective agonist of galanin receptor 1 (GAL1). M617 acetate acts through central GAL1, promotes GLUT4 expression, and enhances GLUT4 content in the cardiac muscle of type 2 diabetic rats. The K _i values are 0.23 and 5.71 nM for GAL1 and GAL2, respectively.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4234 mL	2.1172 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.

Reference

Fang P, et al. Central injection of GalR1 agonist M617 facilitates GLUT4 expression in cardiac muscle of type 2 diabetic rats. Exp Gerontol. 2015;65:85-89.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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