

AOD9604 acetate(221231-10-3 free base)

Chemical Properties

CAS No. :

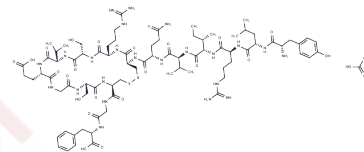
Formula: C80H127N23O25S2

Molecular Weight: 1875.15

Keep away from moisture

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	AOD9604 acetate(221231-10-3 free base) is a potential anti-obesity peptide based on the human growth hormone.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 5 mM, Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5333 mL	2.6665 mL	5.3329 mL
5 mM	0.1067 mL	0.5333 mL	1.0666 mL
10 mM	0.0533 mL	0.2666 mL	0.5333 mL
50 mM	0.0107 mL	0.0533 mL	0.1067 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

Thomas A, Görgens C, Guddat S, Thieme D, Dellanna F, Schänzer W, Thevis M. Simplifying and expanding the screening for peptides <2 kDa by direct urine injection, liquid chromatography, and ion mobility mass spectrometry. *J Sep Sci.* 2016 Jan;39(2):333-41. doi: 10.1002/jssc.201501060. Epub 2015 Dec 15. PubMed PMID: 26578461.

Kwon DR, Park GY. Effect of Intra-articular Injection of AOD9604 with or without Hyaluronic Acid in Rabbit Osteoarthritis Model. *Ann Clin Lab Sci.* 2015 Summer;45(4):426-32. PubMed PMID: 26275694.

Thevis M, Thomas A, Schänzer W. Detecting peptidic drugs, drug candidates and analogs in sports doping: current status and future directions. *Expert Rev Proteomics.* 2014 Dec;11(6):663-73. doi: 10.1586/14789450.2014.965159. Epub 2014 Nov 8.

Cox HD, Smeal SJ, Hughes CM, Cox JE, Eichner D. Detection and in vitro metabolism of AOD9604. *Drug Test Anal.* 2015 Jan;7(1):31-8. doi: 10.1002/dta.1715. Epub 2014 Sep 10.

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