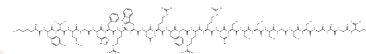


Lys- γ 3-MSH(human)

Chemical Properties

CAS No. :	156159-18-1
Formula:	C128H193N45O39S
Molecular Weight:	3018.25
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Pro-opiomelanocortin (POMC) derived peptide that stimulates lipolysis
Targets(IC50)	Others,Melanocortin Receptor

Solubility Information

Solubility	10% acetonitrile / H2O: 1 mg/mL (0.33 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3313 mL	1.6566 mL	3.3132 mL
5 mM	0.0663 mL	0.3313 mL	0.6626 mL
10 mM	0.0331 mL	0.1657 mL	0.3313 mL
50 mM	0.0066 mL	0.0331 mL	0.0663 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

Wu W, Bi C, Bence A K, et al. Antitumor activity of Chk1 inhibitor LY2606368 as a single agent in SW1990 human pancreas orthotopic tumor model. *Cancer Research*, 2012, 72(8 Supplement): 1776.

Lainchbury M, Matthews T P, McHardy T, et al. Discovery of 3-alkoxyamino-5-(pyridin-2-ylamino) pyrazine-2-carbonitriles as selective, orally bioavailable CHK1 inhibitors. *Journal of medicinal chemistry*, 2012, 55(22): 10229-10240.

McNeely S C, Burke T F, DurlandBusbice S, et al. Abstract A108: LY2606368, a second generation Chk1 inhibitor, inhibits growth of ovarian carcinoma xenografts either as monotherapy or in combination with standard-of-care agents. *Molecular Cancer Therapeutics*, 2011, 10(Supplement 1): A108.

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