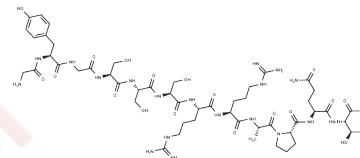


IGF-I (30-41)

Chemical Properties

CAS No. :	82177-09-1
Formula:	C51H83N19O19
Molecular Weight:	1266.34
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	IGF-I (30-41) is a fragment of Insulin-like Growth Factor I (IGF-I) comprising amino acids 30 to 41.
Targets(IC50)	IGF-1R

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7897 mL	3.9484 mL	7.8968 mL
5 mM	0.1579 mL	0.7897 mL	1.5794 mL
10 mM	0.079 mL	0.3948 mL	0.7897 mL
50 mM	0.0158 mL	0.079 mL	0.1579 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

Puche JE, et al. Human conditions of insulin-like growth factor-I (IGF-I) deficiency. J Transl Med. 2012 Nov 14;10:224.

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