

IGF-I 30-41 acetate(82177-09-1 free base)

Chemical Properties

CAS No.:	TP1122L	
Formula:	C53H87N19O21	
Molecular Weight:	1326.39	Gly-Tyr-Gly-Ser-Ser-Ser-Arg-Arg-Ala-Pro-Gln-Thr(acetate salt)
Appearance:	N/A	
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).	

Biological Description

Description	IGF-I 30-41 acetate is amino acids 30 to 41 fragment of Insulin-like Growth Factor I (IGF-I).
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Solubility Information

Solubility	DMSO: 2.5 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.754 mL	3.77 mL	7.539 mL
5 mM	0.151 mL	0.754 mL	1.508 mL
10 mM	0.075 mL	0.377 mL	0.754 mL
50 mM	0.015 mL	0.075 mL	0.151 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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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