

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

## Chemical Properties

CAS No. :

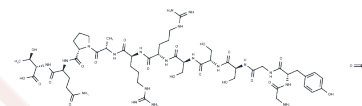
Formula: C53H87N19O21

Molecular Weight: 1326.39

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	IGF-I 30-41 acetate(82177-09-1 free base) (Insulin-like Growth Factor I (30-41) acetate) is amino acids 30 to 41 fragment of Insulin-like Growth Factor I (IGF-I).
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 2.5 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	0.7539 mL	3.7696 mL	7.5393 mL
5 mM	0.1508 mL	0.7539 mL	1.5079 mL
10 mM	0.0754 mL	0.377 mL	0.7539 mL
50 mM	0.0151 mL	0.0754 mL	0.1508 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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