

IGF-I (30-41) TFA(82177-09-1,FREE)

Chemical Properties

CAS No. :

Formula: C₅₁H₈₃N₁₉O₁₉.C₂H_F3O₂

Molecular Weight: 1380.36

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

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7244 mL	3.6222 mL	7.2445 mL
5 mM	0.1449 mL	0.7244 mL	1.4489 mL
10 mM	0.0724 mL	0.3622 mL	0.7244 mL
50 mM	0.0145 mL	0.0724 mL	0.1449 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481