

IGF-I (24-41) TFA (135861-49-3 free base)

## Chemical Properties

CAS No. :

Formula: C88H133N27O28.C2HF3O2

Molecular Weight: 2131.18

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 is partly responsible for systemic GH activities although it possesses a wide number of own properties (anabolic, antioxidant, anti-inflammatory and cytoprotective actions). IGF-I (24-41) (TFA) is amino acids 24 to 41 fragment of Insulin-like Growth Factor I (IGF-I).
-------------	---

## Solubility Information

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

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4692 mL	2.3461 mL	4.6922 mL
5 mM	0.0938 mL	0.4692 mL	0.9384 mL
10 mM	0.0469 mL	0.2346 mL	0.4692 mL
50 mM	0.0094 mL	0.0469 mL	0.0938 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481