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## Product Data Sheet

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Product Name: IGF-I (30-41) TFA

Cat. No.: GC36298

### Chemical Properties

Cas. No.

Formula  $C_{51}H_{83}N_{19}O_{19}.C_2HF_3O_2$  M.Wt 1380.36

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

IGF-I (30-41) (TFA) is amino acids 30 to 41 fragment of Insulin-like Growth Factor I (IGF-I). 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)[1].

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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