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**Product Data Sheet**

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Product Name: (Gly<sup>22</sup>)-Amyloid  $\beta$ -Protein (1-40)

Cat. No.: GA20199

**Chemical Properties**

Cas. No. 175010-18-1

Formula C<sub>191</sub>H<sub>291</sub>N<sub>53</sub>O<sub>56</sub>S

M.Wt 4257.8

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**

The highly neurotoxic arctic mutant (E22G) of A $\beta$  has been used to study the mechanisms underlying the formation of soluble and insoluble  $\beta$ -amyloid aggregates. As the wild-type A $\beta$ , the arctic mutant preferably assembles in the presence of

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

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