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## Product Data Sheet

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

Cat. No.: GA20244

### Chemical Properties

Cas. No. 302905-01-7

Formula C<sub>195</sub>H<sub>300</sub>N<sub>54</sub>O<sub>56</sub>S

M.Wt 4328.92

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 Italian mutation of  $\beta$ -amyloid 1-40 (E22K) aggregates more rapidly than the wild-type sequence 1-40. It showed increased neurotoxicity, which (according to a solid-phase NMR-study of Masuda et al.) may be due to the salt bridge formed between L

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

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