
Product Data Sheet

Product Name: AGE-BSA
Cat. No.: GC26361

Chemical Properties

Cas. No.

Formula M.Wt

Solubility Storage -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

Advanced glycation end products (AGEs) are formed from the nonenzymatic reaction of amino groups with reducing sugars.^{1,2,3} AGEs have been implicated in diseases, such as diabetes mellitus, non-diabetic nephropathy, macrovascular disease, Alzheimer's disease, cataract, and ageing.^{1,2,3} AGE receptors, such as the receptor for AGE (RAGE), mediate biological responses to AGEs, including endocytic uptake and degradation and induction of cytokines and growth factors.^{1,2,3} AGE-BSA was produced by incubating BSA with glucose, followed by extensive dialysis.

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

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