
Product Data Sheet

Product Name: BSA-Oleate Monounsaturated Fatty Acid Complex (5 mM)

Cat. No.: GC49917

Chemical Properties

Cas. No.

Formula M.Wt

Solubility Storage -20°C, protect from light

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

BSA-Oleate monounsaturated fatty acid complex is composed of oleic acid and bovine serum albumin (BSA) at an approximately 6:1 molar ratio of oleate:BSA. It has been used for efficient fatty acid delivery to cells in culture for the purpose of monitoring fatty acid oxidation or similar processes in various cellular metabolic studies.^{1,2,3} The BSA/BSA-FAs are acceptable for use with short-term cell culture applications (acute treatment to 18 hours), however for long-term applications (25+ hours) the product can/should be filter sterilized using a 0.2 µm filter and sterile receptacle without affecting the performance. For best results, it is recommended that this product be used in conjunction with BSA control for fatty acid complexes (5 mM).

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

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