

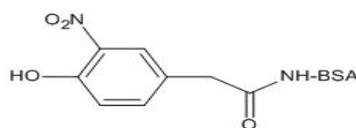
GenXion (Bovine Serum Albumin), Ratio 5-9

product info

Catalog No.: N-5050L-10

Specification: 10mg

Chemical Structure



4-Hydroxy-3-nitrophenylacetyl hapten is conjugated to BSA (Bovine Serum Albumin) protein through lysine by amide bonds.

Technical specs

Properties:

Chemical Name: 4-Hydroxy-3-nitrophenylacetyl Bovine Serum Albumin

Appearance: yellow powder

Absorption Maximum (Lambda Max): 430

Extinction Coefficient at Lambda max: 4230

Product usage:

Conjugation is determined at pH 8.5 by measuring NP absorbance at 430nm, using the extinction coefficient of NP= 4.23 x 10E+03. The conjugation ratio is given as a molar ratio of NP to BSA assuming the molecular weight of BSA is 66,430. Store solution in aliquots at -20°C. Protect from light. This product can be dissolved in PBS buffer, water or other neutral buffers at a concentration of 1mg/mL. Product may precipitate when stored in solution, therefore it is recommended to centrifuge the solutions briefly before use and use only the supernatant. When using PBS please refer to the formulation below. PBS Formulation: 8 g NaCl 0.2 g KCl 0.2 g potassium di-hydrogen phosphate (KH₂PO₄) 1.15 g di-sodium hydrogen phosphate (Na₂HPO₄) Add to 1 L of water

Storage and handling:

Shipping conditions: Ambient

Storage conditions: +2 to +8 °C

