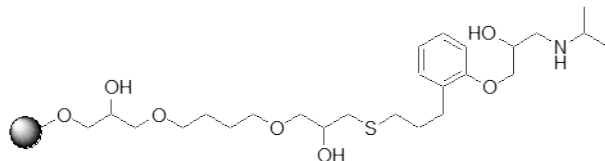


Certificate of Analysis

Description of the Material:

- (a) **Chemical Name:** Alprenolol agarose
- (b) **CAS Registry Number:** N/A
- (c) **Chemical Structure:**



- (d) **Immobilization method:** immobilized through free radical addition of thiol agarose to the double bond of alprenolol.
- (e) **Ligand:** Alprenolol
- (f) **Form/Appearance:** Suspension in 0.02% NaN₃ solution.
- (g) **Matrix:** 4% beaded agarose (source: GE Life Sciences)
- (h) **Spacer:** 12 atoms
- (i) **Particle size:** 45 – 165 µm
- (j) **Ligand concentration:** ~1.67 µmole per ml based on DTNB assay of thiol (sulfhydryl group) content of the resin prior to coupling of alprenolol.
- (k) **Amount:** Packaged as 1 mL, 5 mL, or 25 mL settled beads.
- (l) **Usage:** Can be used in a column format or batch process mode.

Material Code and Batch Number:

- (a) **Product Number:** CM29101
- (b) **Lot Number:** S173.S9.050721

Intended use: For research and development use only.

Hazard information: See SDS

Shelf life, Storage condition and Expiration date: Alprenolol agarose is very stable. Shelf life of this compound is estimated to be 3-5 years from the date of packaging and should be stored at 4 °C. Do not freeze..

Date of Package: 5/7/2021
Expiration Date: May 7, 2026