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**Product Data Sheet**

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Product Name: GroES mobile loop

Cat. No.: GC34221

**Chemical Properties**

Cas. No.

SMILES Glu-Thr-Lys-Ser-Ala-Gly-Gly-Ile-Val-Leu-Thr-Gly-Ser

Formula C<sub>51</sub>H<sub>90</sub>N<sub>14</sub>O<sub>20</sub>

M.Wt 1219.4

Solubility H<sub>2</sub>O : 33.33 mg/mL (27.33 mM; ultrasonic and adjust pH to 1 with HCl)

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**

GroES mobile loop is a highly flexible region of free GroES, which binds to GroEL through the residues at the tip of the loop.

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[1]. Nojima T, et al. Flexibility of GroES mobile loop is required for efficient chaperonin function. J Mol Biol. 2012 Sep 14;422(2):291-9.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA