
Product Data Sheet

Product Name: Endotoxin Inhibitor

Cat. No.: GA21420

Chemical Properties

Cas. No. 147396-10-9

Formula $C_{55}H_{97}N_{15}O_{12}S_2$

M.Wt

1224.6

Solubility Soluble in DMSO

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**

The cyclic peptide KTKCKFLKKC has been shown to form a strong complex with lipid A, the toxic component of the endotoxin lipopolysaccharide (LPS) with $K_a = 0.56 \cdot 10^6 M^{-1}$. It detoxifies LPS in vitro and prevents LPS-induced cytokine release and lethality.

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