
Product Data Sheet

Product Name: Tri(TLR4-IN-C34-C2-amide-C3-amide-PEG1)-amide-C3-COOH
Cat. No.: GC63715

Chemical Properties

Cas. No.

Formula $C_{84}H_{134}N_{10}O_{39}$ M.Wt 1908.01

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Tri(TLR4-IN-C34-C2-amide-C3-amide-PEG1)-amide-C3-COOH is a linker that incorporates TLR4 inhibitor TLR4-IN-C34. TLR4-IN-C34 inhibits TLR4 in enterocytes and macrophages, and reduces systemic inflammation in mouse models of endotoxemia and necrotizing enterocolitis[1].

[1]. Neal MD, et al. Discovery and validation of a new class of small molecule Toll-like receptor 4 (TLR4) inhibitors. PLoS One. 2013;8(6):e65779. Published 2013 Jun 12.

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