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## Product Data Sheet

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Product Name: Tri(TLR4-IN-C34-C2-amide-PEG1)-amide-C3-COOH

Cat. No.: GC63710

### Chemical Properties

Cas. No.

Formula C<sub>78</sub>H<sub>125</sub>N<sub>7</sub>O<sub>36</sub>

M.Wt

1736.85

Solubility

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

Tri(TLR4-IN-C34-C2-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.**

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