
Product Data Sheet

Product Name: TLR4-IN-C34-C2-COOH

Cat. No.: GC63306

Chemical Properties

Cas. No. 1159408-54-4

Formula C₁₉H₂₉NO₁₁

M.Wt 447.43

Solubility DMSO : 100 mg/mL (223.50 mM; Need ultrasonic); H₂O :
100 mg/mL (223.50 mM; Need ultrasonic)Store
Storage 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**

TLR4-IN-C34-C2-COO 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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