

Tri(TLR4-IN-C34-PEG2-amide-PEG1)-amide-C3-COOH

## Chemical Properties

CAS No. :

Formula: C78H125N7O42

Molecular Weight: 1832.85

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Tri(TLR4-IN-C34-PEG2-amide-PEG1)-amide-C3-COOH is a chemical linker incorporating the TLR4 inhibitor (TLR4-IN-C34) that suppresses TLR4 activity in enterocytes and macrophages, consequently diminishing systemic inflammation observed in mouse models of endotoxemia and necrotizing enterocolitis [1].
Targets(IC50)	Others,TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5456 mL	2.728 mL	5.456 mL
5 mM	0.1091 mL	0.5456 mL	1.0912 mL
10 mM	0.0546 mL	0.2728 mL	0.5456 mL
50 mM	0.0109 mL	0.0546 mL	0.1091 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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