

TLR4-IN-C34-C2-COOH

## Chemical Properties

CAS No. : 1159408-54-4

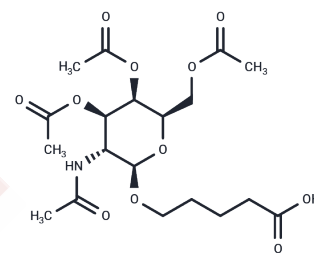
Formula: C19H29NO11

Molecular Weight: 447.43

Keep away from direct sunlight

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	TLR4-IN-C34-C2-COO is a linker compound incorporating the TLR4 inhibitor TLR4-IN-C34, effectively inhibiting TLR4 activity in enterocytes and macrophages, and mitigating systemic inflammation in murine models of endotoxemia and necrotizing enterocolitis.
Targets(IC50)	Others,PROTAC Linker,TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.235 mL	11.1749 mL	22.3499 mL
5 mM	0.447 mL	2.235 mL	4.470 mL
10 mM	0.2235 mL	1.1175 mL	2.235 mL
50 mM	0.0447 mL	0.2235 mL	0.447 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.

## Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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