

## Paridiprubart

## Chemical Properties

CAS No. : 2641646-59-3

Formula:

Molecular Weight: 145.16 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Paridiprubart (NI-0101) is a humanised monoclonal antibody targeting TLR4, demonstrating ameliorative effects in COVID-19 patients with acute respiratory distress syndrome (ARDS) and holding potential for rheumatoid arthritis research.
Targets(IC50)	TLR
In vitro	In rheumatoid arthritis (RA) patients, monocytes pretreated with Paridiprubart (20 µg/mL for 30 minutes) significantly inhibited proinflammatory cytokine production induced by rheumatoid arthritis synovial fluid (RASf) [1]. Paridiprubart suppressed TNF-α secretion in macrophages stimulated by citrus limon acidified fibrinogen immune complexes (cFb-IC) through an Fc-dependent pathway [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0689 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 mL
10 mM	0.0007 mL	0.0034 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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.

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