Data Sheet (Cat.No.T70145)



LYRM03

Chemical Properties

Molecular Weight:

CAS No.: 1820750-36-4

Formula: C21H33N3O5

Appearance: no data available

407.5

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

$$H_3C$$
 CH_3
 H_3C
 CH_3
 H_3C
 CH_3
 CH_3

Biological Description

Description	LYRM03 is an aminopeptidase inhibitor. LYRM03 is also an ubenimex derivative. LYRM03
	attenuates LPS-induced acute lung injury in mice by suppressing the TLR4 signaling
	pathway. LYRM03 effectively attenuates LPS-induced ALI by inhibiting the expression of
, in the second	pro-inflammatory mediators and Myd88-dependent TLR4 signaling pathways in
	alveolar macrophages. LYRM03 may serve as a potential treatment for sepsis-mediated
	lung injuries.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.454 mL	12.2699 mL	24.5399 mL
5 mM	0.4908 mL	2.454 mL	4.908 mL
10 mM	0.2454 mL	1.227 mL	2.454 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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.

Reference

He HQ, et al. LYRM03, an ubenimex derivative, attenuates LPS-induced acute lung injury in mice by suppressing the TLR4 signaling pathway. Acta Pharmacol Sin. 2017 Mar;38(3):342-350.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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