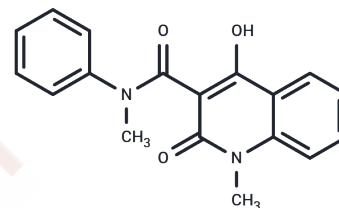


Roquinimex

Chemical Properties

CAS No. :	84088-42-6
Formula:	C ₁₈ H ₁₆ N ₂ O ₃
Molecular Weight:	308.33
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	Roquinimex (FCF89) (Linomide) is a quinoline derivative immunostimulant which increases NK cell activity and macrophage cytotoxicity; inhibits angiogenesis and reduces the secretion of TNF alpha.
Targets(IC50)	TNF

Solubility Information

Solubility	DMSO: 83.3 mg/mL (270.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2433 mL	16.2164 mL	32.4328 mL
5 mM	0.6487 mL	3.2433 mL	6.4866 mL
10 mM	0.3243 mL	1.6216 mL	3.2433 mL
50 mM	0.0649 mL	0.3243 mL	0.6487 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

- Liu Q,etal. Roquinimex inhibits dextran sodium sulfate-induced murine colitis.Inflamm Res. 2003 Feb;52(2):64-8.
Tian WZ,etal.Linomide (roquinimex) affects the balance between pro- and anti-inflammatory cytokines in vitro in multiple sclerosis.Acta Neurol Scand. 1998 Aug;98(2):94-101.

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