



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pristane

Chemical Properties

CAS No. : 1921-70-6

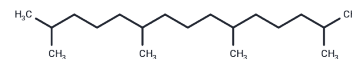
Formula: C₁₉H₄₀

Molecular Weight: 268.52

Appearance: no data available

Storage: store at low temperature

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



Biological Description

Description	Pristane (2,6,10,14-tetramethylpentadecane) is a natural product from shark liver oil and a non-antigenic adjuvant.
Targets(IC50)	Others
In vivo	In naive recipient rats (DA), after intradermal injection of 500 µL Pristane oil, both CD4+, CD8+ αβT cells and B cells significantly expand in draining lymph nodes until day 6 after injection, whereafter the CD4+ αβT cells continue to expand until day 12 after injection [2].

Solubility Information

Solubility	DMSO: 80.56 mg/mL (300 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	3.7241 mL	18.6206 mL	37.2412 mL
5 mM	0.7448 mL	3.7241 mL	7.4482 mL
10 mM	0.3724 mL	1.8621 mL	3.7241 mL
50 mM	0.0745 mL	0.3724 mL	0.7448 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

J J Turner, et al. Krypton Fluoride: Preparation by the Matrix Isolation Technique. Science. 1963 May 31;140(3570): 974-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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