

Pristane-D40

Chemical Properties

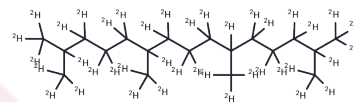
CAS No. : 16416-35-6

Formula: C₁₉H₄₀

Molecular Weight: 308.77

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 | Pristane-D40 is the deuterated form of Pristane (TN6925) (Norphytane), a naturally occurring hydrocarbon oil found in trace amounts in various plants and marine organisms, and considered one of the most active components in mineral oil. As a non-antigenic adjuvant, Pristane (TN6925) can induce MHC class II-restricted arthritis T cells in rats. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2387 mL | 16.1933 mL | 32.3866 mL |
| 5 mM | 0.6477 mL | 3.2387 mL | 6.4773 mL |
| 10 mM | 0.3239 mL | 1.6193 mL | 3.2387 mL |
| 50 mM | 0.0648 mL | 0.3239 mL | 0.6477 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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