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Product Information

Pristane

Product Number **T 7640**
Storage at Room Temperature

Product Description

Molecular Formula: $C_{19}H_{40}$
Molecular Weight: 268.5
CAS Number: 1921-70-6
Density: 0.782 g/ml
Congealing Point: $-100\text{ }^{\circ}\text{C}^1$

2,6,10,14-Tetramethylpentadecane (Pristane) is used to precondition the peritoneal cavity of mice, prior to the induction of ascites fluid with myeloma cells. Several different protocols have been described in the literature.^{2,3,4}

Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions

This product is miscible with hexane (10%[v/v]).

References

1. The Merck Index, 11th Ed., Entry# 7757.
2. Hoogenraad, N.J. and Wraight, C.J., The effect of pristane on ascites tumor formation and monoclonal antibody formation. *Methods in Enzymology*, 121, 375-381 (1986).
3. Antibodies: A Laboratory Manual, Harlow, E., and Lane, D., Eds., Cold Spring Harbor Laboratory (Cold Spring Harbor, NY: 1988), p. 123.
4. Lacy, M.J., and Voss, E.W., Jr., A modified method to induce immune polyclonal ascites fluid in BALB/c mice using Sp2/0-Ag14 cells, *J. Immunol. Methods*, **87**, 169-177 (1986).

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