

Thymus factor X

Chemical Properties

CAS No.:	78310-77-7
Formula:	NA
Molecular Weight:	N/A
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Thymic factor X (TFX-Jelfa) is an aqueous extract from the thymus of a juvenile calf and is a natural stimulator of lymphocyte function.
In vivo	The percentage of necrotic lymphocytes in the spleen in Group I (infected with <i>T. spiralis</i> and treated with Thymus factor X (TFX)) is significantly lower than in the control group on day 7, and approximately the same as in the control group for the rest of the experiment. The percentage of necrotic lymphocytes in muscle tissue in Group I is approximately the same as in the control group on day 7, significantly lower on days 14 and 21 ($p < 0.0002$), approximately the same on days 28 and 35, significantly lower on day 42, and significantly higher on day 60 ($p < 0.005$)[1].

Solubility Information

Solubility	H2O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Piekarska J, et al. *Trichinella spiralis*: Effect of thymus factor X on apoptosis and necrosis in mice. *Exp Parasitol.* 2009 Oct;123(2):128-33.

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481