

SAFETY DATA SHEET (SDS)

Research Use Only (RUO)

Testing Laboratory:	Analizaodczynnikiow Laboratorium
Address:	Park Naukowo - Techniczny w Opolu, ul. Technologiczna 2, 45-839 Opole, Poland
Website:	analizaodczynnikiow.pl
SDS Date:	2026-02-09

SECTION 1: IDENTIFICATION

Product Name:	Epithalon
Synonyms:	N/A
CAS Number:	307297-39-8
Molecular Weight:	390.35 g/mol
Product Code:	FSF 2504
Intended Use:	Research Use Only (RUO) - Not for human or veterinary diagnostic or therapeutic applications
Physical Form:	Finished, sterile, lyophilized solid supplied in sealed glass vials
Supplier:	ViraChem j.d.o.o. Pujanke 24A, 21000 Split, Croatia, European Union +385976656030

SECTION 2: HAZARD IDENTIFICATION

⚠ RESEARCH USE ONLY - NOT CLASSIFIED AS HAZARDOUS UNDER GHS

GHS Classification:	Not classified
---------------------	----------------

Signal Word:	None
Pictogram:	None
Hazard Statements:	None
Precautionary Statements:	Handle using good laboratory practice. Avoid direct contact. Use appropriate personal protective equipment.

Note: This substance is supplied for research use only and has not been fully evaluated for hazards. The absence of hazard classification does not imply safety. Handle with standard laboratory precautions.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	Epithalon (TFA salt)
Peptide Type:	Proprietary peptide sequence (not disclosed for research use)
CAS Number:	307297-39-8
Concentration:	≥98.0% (lyophilized powder)
Impurities:	Minor impurities: peptide-related substances, counterions. See Certificate of Analysis for details.

SECTION 4: FIRST AID MEASURES

Inhalation:

Remove to fresh air. If symptoms persist, seek medical attention.

Skin Contact:

Wash with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

Ingestion:

Do NOT induce vomiting. Rinse mouth with water. Seek immediate medical attention.

Most Important Symptoms:

No data available.

Medical Attention:

Treat symptomatically. No specific antidote known.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, foam, dry chemical, CO ₂
Unsuitable Extinguishing Media:	None known
Special Hazards:	May release toxic gases if involved in fire (nitrogen oxides, carbon oxides)
Protective Equipment:	Wear self-contained breathing apparatus and protective clothing

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Wear appropriate PPE (gloves, lab coat, eye protection). Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions:

Prevent release to environment. Do not allow to enter drains, sewers, or waterways.

Cleanup Methods:

Carefully collect material and place in appropriate container for disposal. Clean contaminated area with water. Dispose according to local regulations.

SECTION 7: HANDLING AND STORAGE

Handling Precautions:

- Handle using good laboratory practice
- Avoid direct contact with skin and eyes
- Use in well-ventilated area
- Avoid generating aerosols or dust
- Wash hands thoroughly after handling
- Do not open, subdivide, or repackage outside controlled laboratory conditions

Storage Conditions:

- Store at -20°C
- Keep container tightly closed
- Protect from light and moisture
- Store under inert atmosphere (nitrogen or argon)
- Avoid repeated freeze-thaw cycles
- Shelf life: Refer to Certificate of Analysis

Incompatible Materials:

Strong oxidizing agents, strong acids, strong bases.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	No occupational exposure limits established
Engineering Controls:	Use in well-ventilated area. Use fume hood when handling powder.

Respiratory Protection:	Not normally required. Use dust mask if handling large quantities.
Hand Protection:	Nitrile or latex gloves
Eye Protection:	Safety glasses or goggles
Skin Protection:	Laboratory coat
Hygiene Measures:	Wash hands after handling. Do not eat, drink, or smoke in work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to off-white lyophilized powder
Odor:	Odorless
pH (solution):	4-7 (approximate, 1 mg/mL)
Melting Point:	Not determined (decomposes before melting)
Boiling Point:	Not applicable
Flash Point:	Not applicable
Solubility:	Soluble in water, aqueous buffers, DMSO
Molecular Weight:	390.35 g/mol
Density:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions
Conditions to Avoid:	Heat, moisture, light, repeated freeze-thaw cycles
Incompatible Materials:	Strong oxidizing agents, strong acids, strong bases
Hazardous Decomposition:	May release nitrogen oxides, carbon oxides under fire conditions
Hazardous Polymerization:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

⚠ NO TOXICOLOGICAL DATA AVAILABLE

This product has not been tested for toxicity. The product is supplied for research use only and has not been evaluated for effects on human health.

Acute Toxicity:	No data available
Skin Corrosion/Irritation:	No data available
Eye Damage/Irritation:	No data available
Respiratory Sensitization:	No data available
Skin Sensitization:	No data available
Mutagenicity:	No data available
Carcinogenicity:	No data available. Not listed by IARC, NTP, or OSHA.
Reproductive Toxicity:	No data available
Target Organ Toxicity:	No data available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence/Degradability:	No data available. Expected to biodegrade (peptide)
Bioaccumulation:	Not expected to bioaccumulate
Mobility in Soil:	No data available
Other Adverse Effects:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose according to local, state, and federal regulations. Incineration is recommended for small quantities. Do not release to environment.

Contaminated Packaging: Dispose as chemical waste. Rinse containers with water before disposal if regulations permit.

SECTION 14: TRANSPORT INFORMATION

UN Number:	Not regulated
UN Proper Shipping Name:	Not regulated
Transport Hazard Class:	Not applicable

Packing Group:	Not applicable
Environmental Hazards:	Not classified
Special Precautions:	Protect from heat and moisture.

SECTION 15: REGULATORY INFORMATION

EU Classification:	Not classified under CLP Regulation (EC) No 1272/2008
REACH Registration:	Not required (research chemical, small quantities)
US Federal Regulations:	Not listed under TSCA, CERCLA, SARA, or RCRA
State Regulations:	Not listed under California Prop 65
Intended Use Restriction:	RESEARCH USE ONLY - Not approved for human or veterinary use. Not manufactured under GMP. Not for diagnostic or therapeutic applications.

SECTION 16: OTHER INFORMATION

Abbreviations:

CAS = Chemical Abstracts Service | GHS = Globally Harmonized System | PPE = Personal Protective Equipment | RUO = Research Use Only | SDS = Safety Data Sheet | TSCA = Toxic Substances Control Act | REACH = Registration, Evaluation, Authorization of Chemicals

Disclaimer:

The information contained herein is believed to be accurate but is provided for research purposes only. analizaodczynnikow Laboratorium and ViraChem j.d.o.o. make no warranty of any kind with respect to the subject matter and specifically disclaim all warranties. Users must verify the suitability of this information for their specific application. This SDS does not constitute medical advice.

Prepared By:

Analizaodczynnikow Laboratorium, Quality Control Department

Date of Preparation:

2026-02-09

Version:

1.0

RESEARCH USE ONLY - NOT FOR HUMAN OR VETERINARY USE

This document was generated by ViraChem j.d.o.o. at the request of the purchaser

For technical inquiries: +385976656030 | tech@virachemical.com