

Trade name:

Kisspeptin 10 (human)

Chemical name: Kisspeptin-10 (Human) Acetate

PRINTING DATE:

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DATE OF COMPILATION:

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REVISION:

09.04.2026**SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Trade name: Kisspeptin 10 (human)

Chemical name: Kisspeptin-10 (Human) Acetate

CAS Number: 374675-21-5

EINECS Number: -

Index number: -

Registration number:

Registration number for this substance has not yet been assigned or the substance is manufactured / imported in a volume that does not require its registration.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Sector of Use: SU24 — Scientific research and development

Application of the substance / mixture:

Laboratory chemicals, manufacture of substances. Raw material for research and development.

Not recommended uses: All except above mentioned uses.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:

ViraChem j.d.o.o.

Savska cesta 42

10000 Zagreb, Croatia

OIB: 73782597071 | MBS: 060500406

E-mail: info@virachemical.comWeb: virachemical.comFurther information obtainable from: info@virachemical.com**1.4 Emergency telephone number**

Poisons Centres in Europe (consultation in case of acute intoxication):

<https://poisoncentres.echa.europa.eu/appointed-bodies>**SECTION 2 HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008

The substance is not classified, according to the CLP regulation.

Additional information:

Although the product is not classified as dangerous, it may show signs of danger (see sections 9-12 SDS).
2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008: Void
Hazard pictograms: Void
Signal word: Void
Hazard statements: Void
Precautionary statements: Void
Additional information: EUH210 — Safety data sheet available on request.
2.3 Other hazards
Results of PBT and vPvB assessment
PBT: According to the information available, the product does not meet criteria such as PBT — persistent, bioaccumulative and toxic (substance on its own or in a mixture with concentration $\geq 0.1\%$ by weight).
vPvB: According to the information available, the product does not meet criteria such as vPvB — very persistent, very bioaccumulative (substance on its own or in a mixture with concentration $\geq 0.1\%$ by weight).
Determination of endocrine-disrupting properties:
According to the information available, the product does not meet the criteria for having endocrine disrupting properties (substance on its own or in a mixture with concentration $\geq 0.1\%$ by weight).

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
CAS No.: 374675-21-5
Description: Kisspeptin-10 (Human) Acetate
Additional information:
Sequence: Tyr-Asn-Trp-Asn-Ser-Phe-Gly-Leu-Arg-Phe-NH ₂
Formula: C ₆₃ H ₈₃ N ₁₇ O ₁₄ · xCH ₃ COOH
Molecular weight: 1302.5 Da (free base)

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures
General information:
Consult a doctor and show this safety data sheet. Remove contaminated clothing and shoes. In case of any uncertainty or if symptoms occur, seek medical assistance. Treatment is symptomatic.
After inhalation:
Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.
After skin contact:
Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.
After eye contact:
Flush with copious amounts of water for at least 15 minutes. Consult a doctor.
After swallowing:
Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.



4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required if symptoms develop.

SECTION 5 FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing agents:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing agents: Not determined.

5.2 Special hazards arising from the substance or mixture

In combustion, may emit toxic fumes. Inhalation of hazardous decomposition products may cause damage to health.

- Carbon dioxide (CO₂)
- Carbon monoxide (CO)
- Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective equipment: Wear suitable protective clothing to prevent contact with skin and eyes, and self-contained breathing apparatus.

Additional information:

Cool container with spray water from a safe distance. Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

SECTION 6 ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel:**

Do not take action without suitable protective clothing (see section 8). Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapours, mist, dust or gas.

6.1.2 For emergency responders:

More info in section 5.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and material for containment and cleaning up

Cover spillage with suitable absorbent material. Using non-spark tools, sweep up material and place in an appropriate container. Decontaminate spill site with 10% caustic solution and ventilate area until disposal is complete.

6.4 Reference to other sections

See section 8 for required PPE. | See section 13 for disposal.

SECTION 7 HANDLING AND STORAGE**7.1 Precautions for safe handling**

Use in a chemical fume hood where possible. Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure.



Fire and explosion protection: No special measures required.
7.2 Conditions for safe storage, including any incompatibilities
Storage requirements:
Store the product in a cool, well-ventilated area. Keep away from direct sunlight.
Keep container tightly sealed until ready for use.
Recommended storage temperature: -20 °C
Common storage facility:
Store away from foodstuffs.
Do not store with incompatible materials (see section 10).
7.3 Specific end use(s)
Use in a laboratory fume hood where possible. Refer to employer's risk assessment for appropriate controls.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Contains no substances with occupational exposure limit values.
8.2 Exposure controls
8.2.1 Appropriate engineering controls:
Use in a fume hood where applicable. Ensure laboratory is equipped with a safety shower and eye wash station.
8.2.2 Individual protection measures — personal protective equipment:
Respiratory protection: If risk assessment indicates necessary, use a suitable respirator with filter P (EN 14387).
Hand protection: Chemical-resistant gloves (EN 374). Gloves should be inspected before use. Wash and dry hands thoroughly after handling.
Eye / face protection: Appropriate safety glasses or goggles (EN 166).
Skin protection: Appropriate protective clothing with long sleeves.
Thermal hazards: Void.
8.2.3 Environmental exposure controls:
Close packaging properly during and after work. Store containers stably. Avoid tipping over unsecured packaging.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid / White lyophilised powder
Colour: White
Odour: No data available.
Odour threshold: No data available.
Melting point / freezing point: No data available.
Boiling point / initial boiling point: No data available.
Flammability: No data available.
Lower explosion limit: No data available.
Upper explosion limit: No data available.
Flash point: No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.

pH: No data available.
Kinematic viscosity: No data available.
Dynamic viscosity: No data available.
Solubility in water: No data available.
Partition coefficient n-octanol/water (log value): No data available.
Vapour pressure: No data available.
Vapour density: No data available.
Relative density: No data available.
Particle characteristics: No data available.
Explosive properties: No data available.
Oxidising properties: No data available.
VOC (EC): Not determined.
Evaporation rate: No data available.
Explosives: Void
Flammable gases: Void
Aerosols: Void
Oxidising gases: Void
Gases under pressure: Void
Flammable liquids: Void
Flammable solids: Void
Self-reactive substances and mixtures: Void
Pyrophoric liquids: Void
Pyrophoric solids: Void
Self-heating substances and mixtures: Void
Substances emitting flammable gas in contact with water: Void
Oxidising liquids: Void
Oxidising solids: Void
Organic peroxides: Void
Corrosive to metals: Void
Desensitised explosives: Void

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: Hazardous reactions will not occur under normal conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid: Heat, moisture.

10.5 Incompatible materials

Strong acids.

Strong alkalis (bases).



Strong oxidising agents.
Strong reducing agents.
10.6 Hazardous decomposition products: In combustion may emit toxic fumes. No known decomposition information available.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes — Regulation (EC) No 1272/2008

Acute toxicity: No data available.
Skin corrosion/irritation: Classification criteria are not met based on available data.
Serious eye damage/irritation: Classification criteria are not met based on available data.
Respiratory or skin sensitisation: Classification criteria are not met based on available data.
Germ cell mutagenicity: Classification criteria are not met based on available data.
Carcinogenicity: Classification criteria are not met based on available data.
Reproductive toxicity: Classification criteria are not met based on available data.
STOT-single exposure: Classification criteria are not met based on available data.
STOT-repeated exposure: Classification criteria are not met based on available data.
Aspiration hazard: Classification criteria are not met based on available data.
Symptoms / Routes of exposure
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Ingestion: There may be irritation of the throat.
Skin: There may be mild irritation at the site of contact.
Eyes: There may be irritation and redness.
Delayed / Immediate effects: No known symptoms. Exposure may cause irritation of eyes, mucous membranes, upper respiratory tract and skin.
Additional information:
To the best of our knowledge, the chemical, physical and toxicological properties of this material have not been fully investigated.
11.2 Information on other hazards
Endocrine disrupting properties: Substance is not listed.
Other information: See the above information in section 11.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Aquatic toxicity: No data available.
12.2 Persistence and degradability: No data available.
12.3 Bioaccumulative potential: No data available.
12.4 Mobility in soil: No data available.
12.5 Results of PBT and vPvB assessment
PBT: No data available.
vPvB: No data available.
12.6 Endocrine disrupting properties: The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects



May be harmful to the aquatic environment.

Do not allow product to reach groundwater, water courses or sewage systems, even in small quantities.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

Transfer to a suitable container and arrange for collection by a specialised disposal company in accordance with national legislation. Respect the waste management hierarchy: 1. Prevention 2. Reuse 3. Material recovery 4. Energy recovery 5. Disposal.

Contaminated packaging:

Dispose of in a regulated landfill site or other method in accordance with national legislation.

European waste catalogue

16 03 06: Organic wastes other than those mentioned in 16 03 05

15 01 02: Plastic packaging

20 01 39: Plastics

SECTION 14 TRANSPORT INFORMATION

Classified according to the criteria of the UN Model Regulations as reflected in the IMDG Code, ADR, RID and IATA.

14.1 UN number: Does not meet the criteria for classification as hazardous for transport.

14.2 UN proper shipping name: Does not meet the criteria for classification as hazardous for transport.

14.3 Transport hazard class(es): Does not meet the criteria for classification as hazardous for transport.

14.4 Packing group: Does not meet the criteria for classification as hazardous for transport.

14.5 Environmental hazards: This product is not classified as environmentally hazardous according to the UN Model Regulations, nor a marine pollutant according to the IMDG Code.

14.6 Special precautions for user: No data available.

14.7 Maritime transport in bulk (IMO instruments): Not applicable.

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

Directive 2012/18/EU — Major-accident hazards involving dangerous substances:

Named dangerous substances — ANNEX I: Substance is not listed.

Regulation (EU) 2019/1148 — Explosives precursors:

Annex I (Restricted): Substance is not listed.

Annex II (Reportable): Substance is not listed.

Regulation (EC) No 273/2004 — Drug precursors: Substance is not listed.

Regulation (EC) No 111/2005 — Drug precursors trade monitoring: Substance is not listed.

European legislation applicable

REGULATION (EC) No 1272/2008 (CLP) — Classification, labelling and packaging of substances and mixtures, and subsequent amendments.

REGULATION (EC) No 1907/2006 (REACH) — Registration, Evaluation, Authorisation and Restriction of Chemicals, and subsequent amendments.

COMMISSION REGULATION (EU) No 2020/878 — Amending Annex II to REACH.

Commission Regulation (EU) 2018/605 — Scientific criteria for endocrine disrupting properties.

DIRECTIVE 2008/98/EC — Waste framework directive, and subsequent amendments.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 OTHER INFORMATION

This information is based on our present knowledge. It shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This material must only be handled by suitably qualified and experienced scientists in appropriately equipped and authorised facilities. The absence of a warning must not be taken to mean that no hazard exists.

Training hints: Workers must be trained in accordance with local provisions.

Abbreviations and acronyms

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road

ATE: Acute Toxicity Estimate

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging — Regulation 1272/2008/EC

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

ErC50/EC50: Effective concentration at which 50% of test organisms die or immobilise

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50% of test population

LD50: Lethal dose, 50% of test population (median lethal dose)

PBT: Persistent, Bioaccumulative and Toxic

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals — Reg. 1907/2006/EC

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

SDS: Safety Data Sheet

vPvB: Very Persistent and Very Bioaccumulative

VOC: Volatile Organic Compounds

