SAFETY DATA SHEET

CHEMICAL IDENTIFICATION

Catalogue Number: STC-230
Product Name: α-Conotoxin EIIB

COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.: N/A.
Molecular Formula: $C_{71}H_{105}N_{25}O_{20}S_4$
Molecular Weight: 1754.5 Da.

HAZARDS IDENTIFICATION

This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008.

FIRST AID MEASURES

In all cases of exposure, obtain medical advice immediately.
Inhalation: Remove to fresh air and monitor breathing. If breathing becomes difficult give oxygen. If breathing stops give artificial respiration. Consult a doctor.
Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash before reuse. Consult a doctor.
Eye Contact: Flush with copious amounts of water. Consult a doctor.
Ingestion: Rinse mouth with plenty of water. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, consult a doctor.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards: Thermal decomposition can lead to release of toxic and corrosive gases/vapors.
Special Fire-fighting Procedures: Wear self-contained breathing apparatus for firefighting and protective clothing to prevent contact with skin and eyes.

ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Avoid dust formation. Avoid breathing vapors, mist or gas. Use full personal protective equipment.
Environmental Precautions: Do not let product enter drains.
Clean-up methods: Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.

HANDLING AND STORAGE

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above -20ºC (-4ºF).
Handling: Keep away from heat. Keep away from source of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: National occupational exposure limits.
Engineering controls: Ensure adequate ventilation. Ensure laboratory is equipped with a safety shower and eye wash station. General industrial hygiene practice.

Personal protective equipment:
Eye/face: Safety goggles.
Skin: Chemical resistant gloves. Wash and dry hands thoroughly after handling.
Body: Long-sleeved clothing. Remove and wash contaminated clothing before re-use.
Respiratory protection: If risk assessment indicates necessary, use a suitable respirator.

PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid.
Density: Not available.
Flash point: Not available.
Explosive properties: Not available.
Solubility: Any aqueous buffer.

STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Heat, moisture.
Incompatible materials: Strong acids/alkalis, strong oxidising/reducing agents.
Hazardous Combustion or Decomposition Products: Carbon monoxide (CO). Carbon dioxide (CO_2). Nitrogen oxides (NO_x). Sulfur oxides.

TOXICOLOGICAL INFORMATION

May be harmful if inhaled, swallowed or absorbed through skin. May cause eye irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

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ECOLOGICAL INFORMATION

May be harmful to the aquatic environment. No further data available.

DISPOSAL CONDITIONS

Methods of disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

TRANSPORT INFORMATION

Contact Alomone Labs company for transportation information.

REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No.1907/2006.

OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and should be used as a guide only for experienced personnel. Always consult your safety advisor and follow local and national safety legislation. The absence of warning may not, under any circumstances, be taken to mean that no hazard exists. Alomone Labs disclaims all liability for any damage resulting from use of this material.

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