

# SAFETY DATA SHEET

## 1. Identification of the substance/mixture and of the company/undertaking

Product name: Amidepsine A

Product code: —

Synonyms: —

Recommended use: For research use only. Not for human or veterinary use.

Company: Biolinks k.k.

Address: 2-12-5-710 Minamioi, Shinagawa-ku, Tokyo 140-0013, Japan

Telephone: +81-3-5767-6821

Email: info@biolinks.co.jp

Emergency telephone: +81-3-5767-6821

## 2. Hazards identification

Classification (GHS): Not classified due to insufficient data.

Signal word: None

Hazard statements: Data not available.

Precautionary statements:

- Handle only in a chemical fume hood.
- Avoid inhalation, ingestion, or contact with skin and eyes.
- Wear suitable protective clothing, gloves, and eye/face protection.

Other hazards: This material is intended for research use only.

## 3. Composition/information on ingredients

Component	Synonym	CAS No.	Molecular Formula	Molecular Weight	Concentration
Amidepsine A	—	169181-28-6	C <sub>29</sub> H <sub>29</sub> N <sub>0</sub> O <sub>11</sub>	567.55	≥95%

## 4. First aid measures

General advice: Consult a physician. Show this SDS to the doctor in attendance.

If inhaled: Move person to fresh air. If breathing is difficult, seek medical attention.

If on skin: Wash off with plenty of water and soap. Remove contaminated clothing.

If in eyes: Rinse thoroughly with water for several minutes and consult a physician.

If swallowed: Rinse mouth with water. Do not induce vomiting without medical advice.

## 5. Firefighting measures

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder, or foam.

Specific hazards: May emit toxic fumes under fire conditions (CO, CO<sub>2</sub>, nitrogen oxides).

Protective equipment: Firefighters should wear self-contained breathing apparatus.

## 6. Accidental release measures

Personal precautions: Avoid dust formation. Avoid contact with skin, eyes, and clothing.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Sweep up and place in a suitable, closed container for disposal.

## 7. Handling and storage

Precautions for safe handling: Handle in a well-ventilated area or fume hood.

Conditions for safe storage: Store tightly closed in a cool, dry, and dark place.

Incompatibilities: Strong oxidizing agents.

## 8. Exposure controls/personal protection

Engineering controls: Use chemical fume hood.

Personal protective equipment:

- Respiratory protection: Use approved respirator if exposure limits are exceeded.
- Hand protection: Nitrile gloves.
- Eye protection: Safety goggles.
- Skin protection: Lab coat.

## 9. Physical and chemical properties

Appearance: Off-white powder

Odor: Not available

Molecular formula: C<sub>29</sub>H<sub>29</sub>N<sub>11</sub>

Molecular weight: 567.55

Melting point: Not determined

Solubility: 1 mg/mL in ethanol, methanol, and DMSO

Stability: Stable under recommended storage conditions

## 10. Stability and reactivity

Stability: Stable under normal temperatures and pressures.

Conditions to avoid: Heat, moisture, light.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: CO, CO<sub>2</sub>, NO<sub>x</sub>.

## 11. Toxicological information

Acute toxicity: Data not available.

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity / Carcinogenicity / Reproductive toxicity: No data available.

Potential health effects: May cause irritation to skin, eyes, or respiratory tract.

## 12. Ecological information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

## 13. Disposal considerations

Dispose of in accordance with local, regional, and national regulations.

Contact a licensed chemical waste disposal service.

## 14. Transport information

UN number: Not regulated.

UN proper shipping name: Not dangerous goods.

Transport hazard class: None.

Packing group: None.

Marine pollutant: No.

## 15. Regulatory information

This material is not listed on major chemical inventories.

For research use only. Not for drug, household, or agricultural use.

## **16. Other information**

The information above is believed to be correct but does not purport to be all-inclusive. It is provided for guidance only. Biolinks k.k. shall not be held liable for any damage resulting from handling or from contact with the product.