SAFETY DATA SHEET

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

Product name: Penstyrylpyrone
Product code: BLK1620
CAS No.: 1447970-41-3
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: Research chemical. Toxicological properties have not been fully investigated.

3. Composition/information on ingredients

Component: Penstyrylpyrone
CAS No.: 1447970-41-3
Molecular Formula: C15H14O3
Molecular Weight: 242.28
Purity: ≥95%

4. First aid measures

General advice: Consult a physician.
If inhaled: Move to fresh air.
If on skin: Wash with soap and water.
If in eyes: Rinse with water for several minutes.
If swallowed: Rinse mouth. Do not induce vomiting.

5. Firefighting measures

Suitable extinguishing media: Water spray, CO2, dry chemical powder, or foam.
Hazardous decomposition: CO, CO2, NOx, SOx, HCl (if applicable).

6. Accidental release measures

Avoid dust formation. Sweep up and place in suitable container for disposal.

7. Handling and storage

Use in fume hood.
Store tightly closed at −20°C in a cool, dry, dark place.
Incompatible with strong oxidizing agents.

8. Exposure controls/personal protection

Use chemical fume hood.
Nitrile gloves, safety goggles, lab coat recommended.

9. Physical and chemical properties

Appearance: Powder
Molecular formula: C15H14O3
Molecular weight: 242.28
Solubility: 1 mg/mL in ethanol, methanol, DMSO
Stability: Stable under recommended storage conditions

10. Stability and reactivity

Stable under normal laboratory conditions.

11. Toxicological information

No detailed toxicological data available.

12. Ecological information

No data available.

13. Disposal considerations

Dispose according to local regulations.

14. Transport information

UN number: Not regulated.
Transport hazard class: None.
Packing group: None.

15. Regulatory information

For research use only.

16. Other information

Information provided for laboratory use only.