Safety Data Sheet

Zolucatetide

Catalog No. **BP-06727** · CAS **3044032-95-0** · Physical form **Solid** · Version **1.1** · Revision **2026-11-16**

FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

SECTION 1 — IDENTIFICATION

Product name	**Zolucatetide**
Catalog number	**BP-06727**
CAS number	**3044032-95-0**
Recommended use	**Laboratory research chemical**
Restrictions on use	**Not for drug, household, or other uses**
Supplier	**Guangzhou Yuyuan Biotech Co., Ltd. (BiochemProbe)**
Address	**Baiyun District, Guangzhou, Guangdong, China**
Telephone / Fax	**+86 20 31130026 / +86 20 36822386**
Email / Web	**tech@biochemprobe.com · www.biochemprobe.com**
Emergency phone	**+86 20 31130026 (business hours) · local poison control as applicable**

SECTION 2 — HAZARD(S) IDENTIFICATION

GHS classification

- Not classified based on available data, or data are insufficient for classification.

Signal word: None

Hazard statements: No hazard statements assigned based on available data.

Precautionary statements: P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/eye protection. P501 Dispose of contents/container in accordance with local regulations. Handle as a research chemical; avoid dust/mist inhalation and skin/eye contact.

Additional notes: This SDS does not imply the substance is non-hazardous. Update when classification data become available.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	**Zolucatetide**

Synonyms

Written by jPsi 148157 0 0 0 0 0 0 0 0999 V2000 10079.700010168.8000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 10061.300010026.6000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9969.080010096.9000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 10134.000010212.5000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10224.400010156.7000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10170.7000 9931.5800 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10265.600010270.6000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10132.7000 9858.4100 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10267.200010164.4000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10070.3000 9822.9100 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10384.600010200.6000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10416.600010176.5000 0.0000 N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10389.500010240.3000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10453.400010192.1000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10485.300010168.0000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10458.300010231.8000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10480.400010128.3000 0.0000 N 0 0 0 0 0 0 0 0 0 0 0 0 0 10522.200010183.6000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9991.3400 9893.9300 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10355.100010069.5000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9929.9200 9860.8300 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9920.7600 9751.9600 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9965.3500 9777.0200 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9794.9100 9943.9400 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9885.7200 9861.0900 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9779.400010054.9000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9808.6800 9788.4300 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9739.400010124.2000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9719.400010158.8000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9684.760010138.8000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9699.400010193.4000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9754.040010178.8000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9701.4800 9861.4500 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9667.6000 9882.7200 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9632.2500 9864.0200 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9669.0900 9922.6900 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9751.1100 9816.3200 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9679.400010158.8000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9599.400010158.8000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9619.400010193.4000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9659.400010193.4000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 9599.400010228.1000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9816.4000 9650.0900 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9776.4600 9647.8600 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9838.3000 9616.6200 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9539.400010124.2000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9528.2500 9984.4700 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9501.4900 9954.7400 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9567.3800 9976.1600 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10090.200010100.1000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10050.300010093.0000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10095.700010140.0000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10104.700010137.6000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10115.800010068.6000 0.0000 N 0 0 0 0 0 0 0 0 0 0 0 0 0 10031.400010128.5000 0.0000 N 0 0 0 0 0 0 0 0 0 0 0 0 0 10059.400010157.6000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10144.700010143.8000 0.0000 N 0 0 0 0 0 0 0 0 0 0 0 0 0 10101.000010031.3000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9990.990010130.4000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10159.200010181.4000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10124.0000 9998.7600 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9973.160010166.4000 0.0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10199.100010187.7000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10107.5000 9961.9700 0.0000 N 0 0 0 0 0 0 0 0 0 0 0 0 0 10163.5000 9998.9800 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 9934.360010172.3000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10213.300010225.4000 0.0000 N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10130.8000 9928.9000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0 10185.700010032.7000 0.0000 C 0 0 0 0 0 0 0 0 0 0 0 0 0

Molecular formula	**$C_{102}H_{134}N_{18}O_{25}S_2$**
Molecular weight	**2076.3910**
CAS number	**3044032-95-0**

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

SECTION 4 — FIRST-AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.

Skin contact: Wash with plenty of soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a poison center or physician if you feel unwell.

Most important symptoms / medical attention: Treat symptomatically. Provide this SDS to medical personnel.

SECTION 5 — FIRE-FIGHTING MEASURES

Suitable extinguishing media	**Water spray, dry chemical, carbon dioxide, or alcohol-resistant foam**
Unsuitable media	**Do not use a solid water stream that may scatter dust**
Specific hazards	**May emit toxic fumes under fire conditions**
Protective equipment	**Self-contained breathing apparatus and full protective gear**

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable PPE (Section 8). Ensure adequate ventilation. Avoid dust formation.

Environmental precautions: Prevent entry into drains and surface water.

Cleanup: Sweep or vacuum carefully (HEPA preferred). Place in a suitable closed container for disposal.

SECTION 7 — HANDLING AND STORAGE

Handling: Handle in a well-ventilated area or fume hood. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product.

Storage: Powder -20℃, Sealed storage, away from moisture, 1 year; In solvent -20°C, 1 month;

Incompatibilities: Strong oxidizing agents (general guidance). Keep away from food and feed.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits	**No specific OELs established for this substance**
Engineering controls	**Local exhaust / laboratory fume hood**
Eye / face protection	**Safety glasses with side shields or chemical goggles**
Skin protection	**Chemical-resistant gloves (e.g. nitrile); lab coat**
Respiratory protection	**If dust is generated, use approved particulate respirator**

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	**White to off-white solid**
Physical state	**Solid**
Color	**White to off-white**
Odor	**No data available**
Melting / freezing point	**No data available**
Boiling point	**Not applicable (solid)**
Flash point	**No data available**
Solubility	**soluble in DMSO**
Viscosity	**Not applicable (solid)**

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability	**Stable under recommended storage conditions**
Conditions to avoid	**Moisture, excessive heat, dust generation**
Incompatible materials	**Strong oxidizers**
Hazardous decomposition products	**Carbon / nitrogen / sulfur / halogen oxides may form under fire conditions**

SECTION 11 — TOXICOLOGICAL INFORMATION

Likely routes of exposure: Inhalation of dust, skin and eye contact, ingestion.

Acute toxicity	**See Section 2. Substance-specific LD50/LC50 data not available.**
Skin corrosion / irritation	**See Section 2.**
Serious eye damage / irritation	**See Section 2.**
Respiratory or skin sensitization	**No data available.**
Germ cell mutagenicity	**No data available.**
Carcinogenicity	**No data available. No component present at ≥0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, NTP, or OSHA based on available data.**
Reproductive toxicity	**No data available.**
STOT — single exposure	**See Section 2.**
STOT — repeated exposure	**No data available.**
Aspiration hazard	**Not applicable for solid under normal use.**

Additional information: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Treat as a research chemical.

SECTION 12 — ECOLOGICAL INFORMATION

No specific ecotoxicity data available. Do not release to the environment. Avoid discharge to sewer and waterways.

SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local, regional, and national regulations. Offer surplus and non-recyclable material to a licensed disposal company.

SECTION 14 — TRANSPORT INFORMATION

DOT (US)	**Not dangerous goods**
IMDG	**Not dangerous goods**
IATA	**Not dangerous goods**
Special precautions	**Transport in sealed containers; protect from moisture / leakage**

SECTION 15 — REGULATORY INFORMATION

Intended for research use only. The user must determine applicability of local chemical inventory listings and workplace regulations before use.

SECTION 16 — OTHER INFORMATION

SDS version	**1.1**
Revision date	**2026-11-16**

Disclaimer	**Information is believed accurate but is provided without warranty. Recipients must verify suitability for intended use and regulatory obligations. For official archival use, download the certified PDF when published.**

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