

Safety Data Sheet (United States)

(3S)-3-Amino-4-[[[(2S)-5-carbamimidamido-1-[[[(2S)-1-[[[(2S)-1-[[[(2S,3S)-1-[[[(2S)-1-[[[(2S)-2-[[[(2S)-1-[[[(2S)-1-[[[(2S)-1-[[[(2S,3S)-1-[[[(1S)-1-carboxy-2-(1H-imidazol-4-yl)ethyl]amino]-3-methyl-1-oxopentan-2-yl]amino]-3-methyl-1-oxobutan-2-yl]amino]-4-methyl-1-oxopentan-2-yl]amino]-3-(1H-imidazol-4-yl)-1-oxopropan-2-yl]amino]-1-oxo-3-phenylpropan-2-yl]carbamoyl]pyrrolidin-1-yl]-3-(1H-imidazol-4-yl)-1-oxopropan-2-yl]amino]-3-methyl-1-oxopentan-2-yl]amino]-3-(4-hydroxyphenyl)-1-oxopropan-2-yl]amino]-3-methyl-1-oxobutan-2-yl]amino]-1-oxopentan-2-yl]amino]-4-oxobutanoic acid

1. Identification

Product name: (3S)-3-Amino-4-[[[(2S)-5-carbamimidamido-1-[[[(2S)-1-[[[(2S)-1-[[[(2S,3S)-1-[[[(2S)-1-[[[(2S)-2-[[[(2S)-1-[[[(2S)-1-[[[(2S)-1-[[[(2S,3S)-1-[[[(1S)-1-carboxy-2-(1H-imidazol-4-yl)ethyl]amino]-3-methyl-1-oxopentan-2-yl]amino]-3-methyl-1-oxobutan-2-yl]amino]-4-methyl-1-oxopentan-2-yl]amino]-3-(1H-imidazol-4-yl)-1-oxopropan-2-yl]amino]-1-oxo-3-phenylpropan-2-yl]carbamoyl]pyrrolidin-1-yl]-3-(1H-imidazol-4-yl)-1-oxopropan-2-yl]amino]-3-methyl-1-oxopentan-2-yl]amino]-3-(4-hydroxyphenyl)-1-oxopropan-2-yl]amino]-3-methyl-1-oxobutan-2-yl]amino]-1-oxopentan-2-yl]amino]-4-oxobutanoic acid

Catalog#: 1957EL

IUPAC name: (3S)-3-amino-4-[[[(2S)-5-carbamimidamido-1-[[[(2S)-1-[[[(2S)-1-[[[(2S,3S)-1-[[[(2S)-1-[[[(2S)-2-[[[(2S)-1-[[[(2S)-1-[[[(2S)-1-[[[(2S,3S)-1-[[[(1S)-1-carboxy-2-(1H-imidazol-4-yl)ethyl]amino]-3-methyl-1-oxopentan-2-yl]amino]-3-methyl-1-oxobutan-2-yl]amino]-4-methyl-1-oxopentan-2-yl]amino]-3-(1H-imidazol-4-yl)-1-oxopropan-2-yl]amino]-1-oxo-3-phenylpropan-2-yl]carbamoyl]pyrrolidin-1-yl]-3-(1H-imidazol-4-yl)-1-oxopropan-2-yl]amino]-3-methyl-1-oxopentan-2-yl]amino]-3-(4-hydroxyphenyl)-1-oxopropan-2-yl]amino]-3-methyl-1-oxobutan-2-yl]amino]-1-oxopentan-2-yl]amino]-4-oxobutanoic acid

Product use restrictions: Only for research and development use by, or directly under the supervision of, a technically qualified individual.

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number:

2. Hazard Identification:**GHS Classification (United States)**

Skin irritation (Category 2)

Eye irritation (Category 2A)

Specific target organ toxicity - single exposure (Category 3), Respiratory system

Pictogram(s)**Signal word:**

Warning

Hazard statement(s)

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

Precautionary statement(s):

P261

Avoid breathing dust/fume/gas/mist/vapors/spray.

P264

Wash skin thoroughly after handling.

P271

Use only outdoors or in a well-ventilated area.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

[illegible]

Personal precautions, protective equipment and emergency procedures: Wear protective equipment and keep unprotected personnel away. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leak or spill if safe to do so. For personal protective equipment, please refer to

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Environmental precautions: Do not let product enter drains, other waterways, or soil.

Methods and materials for containment and cleaning up: Prevent further leak or spill if safe to do so. Vacuum, sweep up, or absorb with inert material and place into a suitable disposal container. Consult local regulations for disposal. See section 13 for further disposal information.

Precautions for safe handling: Avoid contact with skin, eyes, and personal clothing. Wash hands thoroughly after handling. Avoid breathing fumes. Use only with adequate ventilation. Wear suitable protective clothing, gloves, and eye/face protection. Keep away from sources of ignition. Minimize dust generation and accumulation. Keep container tightly closed. Open and handle container with care. Do not eat, drink, or smoke while handling.

Conditions for safe storage, including any incompatibilities: Store in a tightly-closed container when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from sources of ignition. ,Store long-term in a cool, dry place.

Exposure limits:

OSHA PEL: Not available.
NIOSH REL: Not available.
ACGIH TLV: Not available.

Appropriate engineering controls: Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Facilities storing or utilizing this material should be equipped with an eyewash fountain. Use adequate general and local exhaust ventilation to keep airborne concentrations low.

Eyes:	Not Available.
Hands:	Not Available.
Skin and body:	Not Available.
Respiratory:	Not Available.

Physical State:	Not available.
Molecular Formula:	C79H116N22O17
Molecular Weight:	1645.9
Odor:	Not available.
pH:	Not available.
Boiling Point Range:	Not available.
Freezing/Melting Point:	Not available.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Flammability(solid,gas):	Please see section 2.
Explosive limits:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Solubility:	Not available.
Relative Density:	Not available.
Refractive Index:	Not available.
Volatility:	Not available.
Auto-ignition Temperature:	Not available.
Decomposition Temperature:	Not available.

10. Stability and Reactivity

11. Toxicological Information

Carcinogenicity

12. Ecological Information

13. Disposal Considerations

14. Transportation Information

DOT (United States)

IATA

15. Regulatory Information

TSCA (United States)

(3S)-3-Amino-4-[[(2S)-5-carbamimidamido-1-[[[2(S)-1-[[[2(S)-1-[[[2(S,3S)-1-[[[2(S)-1-(2S)-2-[[[2(S)-1-[[[2(S)-1-[[[2(S)-1-[[[2(. . .

Not available.

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