

$$(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[2-[2-[(2S)-2-[(2S)-2-[2-[(2S)-2-[2-[(2S)-2 \dots \dots$$

Product name:	(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[2-[[(2S)-2-[[2-[[(2S)-2-[[[2-[[(2S)-2-[[[2-[[(2S)-2-Acetamido-3-hydroxypropanoyl]amino]acetyl]amino]-5-[(2-chloroethanimidoyl)amino]pentanoyl]amino]acetyl]amino]-6-aminohexanoyl]amino]acetyl]amino]acetyl]amino]-6-aminohexanoyl]amino]acetyl]amino]-4-methylpentanoyl]amino]acetyl]amino]-6-aminohexanoyl]amino]acetyl]amino]acetyl]amino]propanoyl]amino]-6-aminohexanoyl]amino]-5-carbamimidamidopentanoyl]amino]-3-(1H-imidazol-4-yl)propanoyl]amino]-5-carbamimidamidopentanoyl]amino]-6-aminohexanoyl]amino]-3-methylbutanoic acid
Catalog#:	4521EB
IUPAC name:	(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[(2S)-2-[[[2-[[(2S)-2-[[[2-[[(2S)-2-[[[2-[[(2S)-2-acetamido-3-hydroxypropanoyl]amino]acetyl]amino]-5-[(2-chloroethanimidoyl)amino]pentanoyl]amino]acetyl]amino]-6-aminohexanoyl]amino]acetyl]amino]acetyl]amino]-6-aminohexanoyl]amino]acetyl]amino]-4-methylpentanoyl]amino]acetyl]amino]-6-aminohexanoyl]amino]acetyl]amino]acetyl]amino]propanoyl]amino]-6-aminohexanoyl]amino]-5-carbamimidamidopentanoyl]amino]-3-(1H-imidazol-4-yl)propanoyl]amino]-5-carbamimidamidopentanoyl]amino]-6-aminohexanoyl]amino]-3-methylbutanoic acid
Product use restrictions:	Only for research and development use by, or directly under the supervision of, a technically qualified individual.
Company:	AK Scientific, Inc. 30023 Ahern Ave. Union City, CA 94587
Telephone:	(510) 429-8835
Fax:	(510) 429-8836
Website:	www.aksci.com
Emergency contact number:	1-800-633-8253 United States & Canada 1-801-629-0667 International

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

Use only outdoors or in a well-ventilated area.
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

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

7. Handling and Storage

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:

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:	C90H161ClN36O24
Molecular Weight:	2166.9
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.

$$(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[2-[2-[(2S)-2-[(2S)-2-[2-[(2S)-2-[2-[(2S)-2 \dots$$

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)

$$(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[(2S)-2-[[2-[2-[(2S)-2-[[2-[(2S)-2-[[2-[(2S)-2-[[2-[(2S)-2 \dots\dots$$

Not available.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall AK Scientific be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if AK Scientific has been advised of the possibility of such damages.