

PKI (6-22) Amide cAMP-dependent Protein Kinase Inhibitor: sc-201160



MATERIAL SAFETY DATA SHEET

Hazard Communication Standard (29CFR 1910.1200)

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SECTION I - Product Identification 15(S)-HETE-d8

Product Name:

PKI (6-22) Amide cAMP-dependent Protein Kinase Inhibitor

Synonyms:

5,8,11,13-Eicosatetraenoic-5,6,8,9,11,12,14,15-d8 acid, 15-hydroxy-, [S-(E,Z,Z,Z)]-

Chemical Family: Hydroxy Fatty Acids

Hazard Label:

Molecular Formula: C₂₀H₂₄D₈O₃ **Molecular Weight:** 328.50

NFPA Ratings: (0-4) **NFPA Specific Hazards**

Health: 2

Flammability: 2

Reactivity: 0

SECTION II - Hazardous Ingredients/Identity Information 15(S)-HETE-d8

Hazardous Components (Specific Chemical Identity/Common Name)	CAS #
15(S)-HETE-d8	84807-87-4

CAS #	OSHA PEL	ACGIH TLV	Other Limits	Percentage
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SECTION III - Physical/Chemical Characteristics

15(S)-HETE-d8

Boiling Point: . . . NE or NA
Melting Point: . . . NE or NA
Specific Gravity: . . . NE or NA (Water = 1)
Vapor Pressure: . . . NE or NA (mm Hg)
Vapor Density: . . . NE or NA (Air = 1)
Physical States: . . . ☐ Gas , ☒ Liquid , ☐ Solid
Evaporation Rate: . . . NE or NA (Butyl Acetate = 1)
Solubility In Water: . . . >1 mg/ml* at 25.0C Other: *PBS pH 7.2, Sol. in EtOH, DMSO, & DMF
Percent Volatile: . . . NE or NA

Appearance and Odor:
A clear, colorless solution

SECTION IV - Fire and Explosion Hazard Data

15(S)-HETE-d8

Flash Pt: NE or NA Method Used: See note below
Explosive Limits: LEL: UEL: Autoignition Pt: NE or NA

Extinguishing Media:
Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Special Fire Fighting Procedures:
Note: Flammable as diluted in ethanol.

Unusual Fire and Explosion Hazards:

SECTION V - Reactivity Data

15(S)-HETE-d8

Stability: Unstable ☐ Stable ☒

Conditions To Avoid - Instability:

Incompatibility - Materials To Avoid:

Hazardous Decomposition Or Byproducts:

Hazardous Polymerization: May occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization:

SECTION VI - Health Hazard Data

15(S)-HETE-d8

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes
Other:

Health Hazards (Acute and Chronic):

Contact may cause skin or eye irritation. The toxicological properties of this compound have not been fully evaluated.

Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No

Carcinogenicity/Other Information:

Recommended Exposure Limits:

LD 50/LC 50:

Signs and Symptoms Of Exposure:

Irritating to the skin, eyes, nose, throat, and respiratory tract.

Medical Conditions Generally Aggravated By Exposure:

Emergency and First Aid Procedures:

If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention. If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

SECTION VII - Precautions for Safe Handling and Use

15(S)-HETE-d8

Steps To Be Taken In Case Material Is Released Or Spilled:

Absorb the liquid and scrub the area with detergent and water.

Waste Disposal Method:
Dispose in accordance with local, state and federal regulations.

Hazard Label Information: Avoid contact with skin and eyes. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling.

Precautions To Be Taken in Handling and Storing:
Avoid contact with eyes, skin, and clothing. Do not reuse this container. Store at correct temperature. Use with adequate ventilation. Wash thoroughly after handling.

Other Precautions:

SECTION VIII- Control Measures

15(S)-HETE-d8

Protective Equipment Summary - Hazard Label Information Eye wash station in work area Lab coat Latex disposable gloves Safety glasses Safety shower in work area Vent Hood

Respiratory Equipment (Specify Type):

Ventilation:
Good general ventilation should be sufficient to control airborne levels.

Eye Protection:
Safety glasses

Protective Gloves:
Latex disposable gloves

Other Protective Clothing:
Lab coat

Work/Hygienic/Maintenance Practices:
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Wash thoroughly after handling.

SECTION IX - Additional Comments

15(S)-HETE-d8

For research use only, not for human or veterinary clinical use.

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

10/27/2009