Safety Data Sheet

1. Identification of Substance/ Identification of Company

Product: Fmoc-D-2-Me-Trp-OH
Catalog #: UFW225
Chemical Formula: $C_{27}H_{24}N_2O_4$
Synonyms: Nα-Fmoc-2-methyl-D-tryptophane

Supplier: AAPPTec, LLC
6309 Shepherdsville Road
Louisville, Kentucky USA
40228
Telephone: 502-968-2223
Fax: 502-968-3338

2. Hazards Identification

OSHA Hazards: No known OSHA hazards
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Potential Health Effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin Contact: May be harmful is absorbed through skin. May cause skin irritation.

Eye contact: May cause eye irritation

3. Composition/ information on ingredients

Substance/preparation: Substance
Chemical Name: Nα-Fmoc-2-methyl-D-tryptophane
CAS #: Not available
EC #: Not available

4. First Aid Measures

First Aid Measures

Inhalation: If inhaled, move person to fresh air. If not breathing, give artificial respiration.
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.
Skin Contact: Wash off with soap and plenty of water.

Eye Contact: Check for and remove any contact lenses. Flush eyes with water as a precaution.

Effects and Symptoms

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin Contact: May be harmful is absorbed through skin. May cause skin irritation.

Eye contact: May cause eye irritation

Aggravating conditions: Repeated or prolonged exposure is not known to aggravate medical condition.

5. Fire-fighting Measures

Conditions of Flammability: Not flammable or combustible

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, carbon dioxide or dry chemical.

Hazardous thermal decomposition products: Oxides of carbon (CO, CO_2) and nitrogen (NO, NO_2, …).

Special fire-fighting procedures: Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental Release Measures

Personal Precautions: Avoid dust formation. Avoid breathing vapors, mist, or gas.

Environmental Precautions: Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for Safe Handing: Provide appropriate exhaust ventilation at places where dust is formed

Conditions for Safe Storage: Keep container tightly closed in a dry and well-ventilated place.

Recommended Storage Temperature: 2-8 °C

8. Exposure Controls/Personal Protection

Exposure Limits

Ingredient Name: Nα-Fmoc-2-methyl-D-tryptophane
Occupational Exposure Limit: No data available

Personal Protective Equipment

Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene Measures: General industrial hygiene practice.

9. Physical and Chemical Properties

Physical State: Powder
Color: White
Molecular Weight: 440.5
pH: No data available
Melting Point: No data available
Boiling Point: No data available
Flash Point: No data available
Ignition Temperature: No data available
Autoignition Temperature: No data available
Lower Explosion Limit: No data available
Upper Explosion Limit: No data available
Vapor Pressure: No data available
Density: No data available
Water Solubility: No data available
Partition Coefficient: (n-octanol/water) No data available
Relative Vapor Density: No data available
Odor: No data available
Odor Threshold: No data available
Evaporation Rate: No data available

10. Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: No data available
Conditions to Avoid: No data available
Materials to Avoid: Strong oxidizing agents
Hazardous Decomposition Products: Oxides of carbon (CO, CO_2) and nitrogen (NO, NO_2, …).

11. Toxicological Information

Acute Toxicology

Oral LD50: No data available

Inhalation LD50: No data available

Dermal LD50: No data available

Other Information on Acute Toxicity: No data available

Skin Corrosion/Irritation: No data available

Serious Eye Damage/Eye Irritation: No data available

Respiratory or Skin Sensitization: No data available

Germ Cell Mutagenicity: No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: No data available

Teratogenicity: No data available

Specific Target Organ Toxicity

Single Exposure (Globally Harmonized System): No data available
Repeated Exposure (Globally Harmonized System): No data available

Aspiration Hazard: No data available

Potential Health Effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin Contact: May be harmful is absorbed through skin. May cause skin irritation.

Eye contact: May cause eye irritation

Synergistic Effects: No data available

RTCES: Not available

12. Ecological Considerations

Toxicity: No data available

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

PBT and vPvB Assessment: No data available

Other Adverse Effects: No data available

13. Disposal Considerations

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated Packaging: Dispose of as unused product.

14. Transportation

International Transport Regulations

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA-DGR: Not dangerous goods

15. Regulatory Information

OSHA Hazards: No known OSHA hazards
SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards: No SARA hazards

State Regulations:
Massachusetts Right To Know Components: No components listed.

Pennsylvania Right To Know Components:

Nα-Fmoc-2-methyl-D-tryptophane
CAS No: Not available
Revision Date:

New Jersey Right To Know Components:

Nα-Fmoc-2-methyl-D-tryptophane
CAS No: Not available
Revision Date:

California Prop. 65 Components:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

DSL Status:

This product contains the following components that are not on the Canadian DSL nor NDSL lists.
Nα-Fmoc-2-methyl-D-tryptophane
CAS No: Not available

16. Other Information

Hazardous Material Information System (U.S.A.)

Health	**0**
Fire Hazard	**0**
Reactivity	**0**
Personal Protection	

National Fire Protection Association (U.S.A.)



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