

SECTION-1: Identification of the substance / mixture and the company / undertaking

Catalogue Number	CS-O-63423
Product Name	Fmoc-L-m-Tyrosine(tBu)-OH
CAS No.	204384-71-4
Category	Peptide
Synonyms	(S)-2-((((9H-fluoren-9-yl)methoxy)carbonyl)amino)-3-(3-(tert-butoxy)phenyl)propanoic acid
Brand	Clearsynth Labs Ltd.
Identified uses	Laboratory Chemicals
Uses advised against	Not available
Company	Clearsynth Labs Ltd. Mumbai, India
Emergency Phone #	+91-22-245045900
REACH No.	Not available

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email sales@clearsynth.com for more details.

2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

2.2 Label Elements

Signal Word: Not available

Not available

Hazard Statement(s)

Code	Statement
Not available	Not available

Precautionary Statement(s)

Code	Statement
Not available	Not available

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Fmoc-L-m-Tyrosine(tBu)-OH

CAS Number : 204384-71-4

Molecular Formula : C₂₈H₂₉NO₅

Molecular Weight : 459.54

Parent Chemical : -

Synonyms : (S)-2-((((9H-fluoren-9-yl)methoxy)carbonyl)amino)-3-(3-(tert-butoxy)phenyl)propanoic acid

Concentration : Not available

SECTION 4: First aid measures

SECTION 4: First-aid measures

4.1 Description of first aid measures

General advice: Seek medical advice if symptoms persist. Show this safety data sheet to the doctor in attendance.

Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.

Skin contact: Wash with soap and plenty of water. Remove contaminated clothing and wash before reuse.

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

Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting unless directed by medical personnel. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects: Not available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically. Specific treatment: Not available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO₂).

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Specific hazards: Not available.

Hazardous combustion products: Carbon oxides; nitrogen oxides (NO_x). Other decomposition products: Not available.

5.3 Advice for firefighters

Protective equipment: Self-contained breathing apparatus (SCBA) and full protective gear.

Additional information: Use water spray to cool unopened containers. Avoid inhalation of combustion products.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid dust formation. Avoid breathing dust. Avoid contact with skin and eyes.

Protective equipment: Use appropriate personal protective equipment (see Section 8).

Emergency procedures: Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions: Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Sweep up or vacuum without generating dust and place in a suitable, closed container for disposal. Clean contaminated area with water and detergent as appropriate.

6.4 Reference to other sections

See Section 8 for personal protective equipment. See Section 13 for disposal considerations.

SECTION-7: Handling and storage

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. Avoid contact with skin, eyes, and clothing. Do not breathe dust.

Hygiene measures: Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store tightly closed in a cool, dry, well-ventilated place.

Incompatibilities: Not available.

7.3 Specific end use(s)

Specific use(s): Laboratory/research use. Not for food, drug, or household use.

SECTION 8: Exposure controls / personal protection

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8.1 Control parameters

Occupational exposure limits: No data available.

Derived no-effect levels (DNEL): Not available.

Predicted no-effect concentrations (PNEC): Not available.

8.2 Exposure controls

Engineering controls: Provide appropriate exhaust ventilation and/or general ventilation to control airborne levels.

Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves. Select glove material resistant to chemicals handled.
- Body protection: Lab coat or protective clothing.
- Respiratory protection: If dust or aerosols are generated and ventilation is inadequate, use an appropriate particulate respirator.

Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

SECTION 10: Stability and reactivity

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10.1 Reactivity

Reactivity: Not available.

10.2 Chemical stability

Stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions: Not available.

10.4 Conditions to avoid

Conditions to avoid: Heat; moisture; dust generation. Other conditions: Not available.

10.5 Incompatible materials

Incompatible materials: Not available.

10.6 Hazardous decomposition products

Hazardous decomposition products: Carbon oxides; nitrogen oxides (NOx). Other decomposition products: Not available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- 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: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

SECTION 12: Ecological information

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12.1 Toxicity

Ecotoxicity: No data available.

12.2 Persistence and degradability

Persistence/degradability: No data available.

12.3 Bioaccumulative potential

Bioaccumulation: No data available.

12.4 Mobility in soil

Mobility: No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB: Not available.

12.6 Endocrine disrupting properties

Endocrine disrupting properties: Not available.

12.7 Other adverse effects

Other adverse effects: Not available.

SECTION 13: Disposal considerations

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13.1 Waste treatment methods

Product disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Do not discharge to drains.

Contaminated packaging: Dispose of as unused product. Empty containers may retain product residues.

Waste code: Not available.

SECTION 14: Transport information

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14.1 UN number

UN number: Not available.

14.2 UN proper shipping name

Proper shipping name: Not available.

14.3 Transport hazard class(es)

Transport hazard class: Not available.

14.4 Packing group

Packing group: Not available.

14.5 Environmental hazards

Marine pollutant: Not available.

Environmental hazards: Not available.

14.6 Special precautions for user

Special precautions: Not available.

14.7 Transport in bulk according to IMO instruments

Bulk transport: Not available.

SECTION 15: Regulatory information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulatory status: Not available.

Chemical inventories (e.g., TSCA/DSL/EINECS/ENCS/IECSC/KECI/AICS): Not available.

15.2 Chemical safety assessment

Chemical safety assessment: Not available.

SECTION 16: Other information

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Revision date: Not available.

Version: Not available.

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