

Boc-L-glutamic acid gamma-benzyl ester alpha-methyl ester: sc-285178



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Boc-L-glutamic acid gamma-benzyl ester alpha-methyl ester
Product Number: sc-285178
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3)

Labeling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Warning

Hazard statement(s)

H302

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation

Precautionary statement(s)

P261

Avoid breathing dust.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

Labeling according to European Directive 67/548/EEC as amended

Hazard symbol(s)



R-phrases(s)

R22

Harmful if swallowed.

R36/37/38

Irritating to eyes, respiratory system and skin.

S-phrases(s)

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37

Wear suitable protective clothing and gloves.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Boc-L-Glu(OBzl)-OMeH-L-His-NH₂
Formula: C₁₈H₂₅NO₆
Molecular weight: 351.4
CAS #: 59279-58-2

4. FIRST AID MEASURES

If inhaled

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

In case of skin contact

Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.

In case of eye contact

Flush eyes with plenty of water occasionally lifting the upper and lower lids. Get medical aid.

If swallowed

Get medical aid. Wash mouth out with water

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Use water spray, dry chemical, carbon dioxide or chemical foam.

Special protective equipment for firefighters

As in any fire, wear a self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use proper personal protective equipment.

Methods and materials for containment and clean up

Vacuum or sweep up material and place into suitable disposal container. Avoid generating dusty conditions.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Store at 4° C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures

Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal protective equipment

Respiratory protection

Wear appropriate respirators where necessary.

Hand protection

Wear appropriate protective gloves to prevent skin exposure.

Skin and body protection

Wear appropriate protective clothing to prevent skin exposure.

Eye protection

Wear chemical safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	Boiling Point (760 mmHg)	No data available.
Melting Point	No data available.	Solubility(water)	Slightly Soluble
Vapor Pressure	No data available.	Vapor Density	No data available.

10. STABILITY AND REACTIVITY

Chemical stability

This product is relatively unstable under normal temperature.

Materials to avoid

Strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide, carbon dioxide, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

May be toxic by inhalation, in contact with skin and if swallowed.

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

Not available.

Chemical Safety Assessment

Not available

16. OTHER INFORMATION

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.

01/22/2014