

Boc-S-benzyl-L-cysteine 4-nitrophenyl ester: sc-293936



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Boc-S-benzyl-L-cysteine 4-nitrophenyl ester
Product Number: sc-293936
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

Not applicable.

Labeling according to Regulation (EC) No 1272/2008:

None

Hazard statements

None

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

Risk codes and phrases

None

Information concerning particular hazards for human and environment

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: 4-nitrophenyl s-benzyl-n-(tert-butoxycarbonyl)-l-cysteinate; Boc-L-Cys(Bzl)-ONp
Formula: C₂₁H₂₄N₂O₆S
Molecular weight: 432.49
CAS-No: 3560-17-6
EC-No.: 222-622-3

4. FIRST AID MEASURES

If inhaled

Supply fresh air; consult doctor in case of complaints.

In case of skin contact

Immediately wash with water and soap and rinse thoroughly.

In case of eye contact

Rinse opened eye for several minutes under running water.

If swallowed

Call for a doctor immediately.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Hazardous combustion products

No further relevant information available.

Special protective equipment for firefighters

No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Not required.

Environmental precautions

No special measures required.

Methods and materials for containment and clean up

Pick up mechanically.

7. HANDLING AND STORAGE

Precautions for safe handling

Prevent formation of dust.

Conditions for safe storage

Store in dry conditions away from food stuffs. Store at -20° C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Hand protection

Wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

Safety glasses.

Hygiene measures

Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	Odor	Nearly odourless
Odor threshold	No data available.	pH-value	Not applicable
Melting point/Melting range	96° C	Boiling point/Boiling range	Undetermined.
Flash point	Not applicable.	Flammability (solid, gaseous)	Not flammable.
Decomposition temperature	Not determined.	Self-igniting:	Not determined.
Lower explosion limit	Not determined.	Upper explosion limit	Not determined.
Vapor pressure	Not applicable.	Density	Not determined.
Relative density	Not determined.	Vapor density	Not applicable.
Evaporation rate	Not applicable.	Solubility (water)	Not determined.
Partition coefficient (n-octanol/water)	Not determined.	Viscosity	Not applicable.

10. STABILITY AND REACTIVITY

Chemical reactivity

No dangerous reactions known.

Chemical stability

Stable.

Materials to avoid

Avoid strong oxidizing agents.

Conditions to avoid

No further relevant information available.

Hazardous decomposition products

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

No further relevant information available.

Primary irritant effect:

on the skin: Not determined.

on the eye: Not determined.

Sensitization

No sensitizing effects known.

Additional toxicological information

The substance is not subject to classification according to the latest version of the EU lists.

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

Waste treatment methods

Waste disposal key: 18 02 06

Contaminated packaging

Disposal must be made according to official regulations.

14. TRANSPORTATION INFORMATION

UN-Number Not applicable

UN proper shipping name Not applicable

Transport hazard class(es) Not applicable

Packing group Not applicable

Environmental hazards

Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

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.

08/29/2014