

# 6-Bromo-DL-tryptophan: sc-281477



## MATERIAL SAFETY DATA SHEET

The Power to Question

### Section 1 – Chemical Product and Company Identification

**Product Name:** 6-Bromo-DL-tryptophan  
**Catalog Number:** sc-281477  
**Synonyms:** DL-2-AMINO-3-(6-BROMOINDOLYL)PROPIONIC ACID; H-6-BROMO-DL-TRP-OH; 6-Bromo-DL-tryptophan, (SR)-2-Amino-3-(6-bromoindolyl)propionic acid; H-Trp(6-Br)-OH;  
**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

### Section 2 – Composition, Information on Ingredients

<u>CAS No.</u>	<u>Chemical name</u>	<u>EINECS</u>	<u>Classification</u>
33599-61-0	6-Bromo-DL-tryptophan	NOT AVAILABLE	No hazardous product.

### Section 3 – Hazards Identification

**Emergency Overview:** Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated. May be harmful if swallowed, inhaled or absorbed through skin.

**Target Organs** None known.

#### Potential Health Effects

**Eye** May cause eye irritation.

**Skin** May cause skin irritation.

**Ingestion** May cause digestive tract irritation.

**Inhalation** May cause respiratory tract irritation.

**Chronic** Not available.

### Section 4 – First Aid Measures

**Eye:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Skin:** In case of contact, wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.

**Ingestion:** If swallowed, give 2–4 cupfuls of milk or water to drink provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician.

**Inhalation:** If inhaled, remove to fresh air, immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5 – Firefighting Measures

**General Information:** As in any fire, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** In case of fire use water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Autoignition Temperature:** Not available.

**Flash Point:** Not available.

**NFPA Rating:** Not published.

**Explosion Limits, Lower:** Not available. **Upper:** Not available.

## Section 6 -Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Sweep up, place in a bag and hold for waste disposal; avoid raising dust; ventilate area and wash spill site after material pickup is complete.

## Section 7 -Handling and Storage

**Handling:** Avoid ingestion and inhalation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

**Storage:** Keep container tightly closed when not in use. Store in deep freeze (below -15°C). Store dry. Protect from light. Store at -20° C.

## Section 8 -Exposure Controls, Personal Protection

**Engineering Controls:** Mechanical exhaust required. Safety shower and eye bath.

**Exposure Limit:** Not available.

### Personal Protective Equipment

**Eyes** Wear chemical safety goggles or face shield.

**Skin** Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

**Hand** Wear compatible chemical-resistant gloves to prevent skin exposure.

**Clothing** Wear appropriate protective clothing to prevent exposure.

**Respirator** A respiratory protection program that meets OSHA's 29 CFR '1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

## Section 9 -Physical and Chemical Properties

<b>Form:</b>	Powder	<b>Odor:</b>	None.
<b>pH:</b>	Does not apply.	<b>Boiling Point:</b>	0.000
<b>Melting Point:</b>	277.000 GC	<b>Flash Point:</b>	Not available.
<b>Autoignition Temperature:</b>	Not available.	<b>Vapor Pressure:</b>	Does not apply.
<b>Vapor Density:</b>	Does not apply.	<b>Specific Gravity/Density:</b>	Does not apply.
<b>Coeffizient octanol/water:</b>	Not available.	<b>Solubility in water:</b>	Slightly.
<b>Solubility other:</b>	Soluble in HCl.	<b>Other physical data:</b>	Not available.
<b>Molecular Formula:</b>	C11H11BrN2O2	<b>Molecular Weight:</b>	283.130 g/mol

## Section 10 – Stability and Reactivity

**Stability:** Stable.

**Conditions to Avoid/Incompatible materials:** light.

**Incompatibilities:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Toxic fumes of: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen bromide gas.

**Hazardous Polymerization:** Will not occur.

## Section 11 – Toxicological Information

**RTECS:** NOT AVAILABLE

**CAS No.:** [33599–61–0]

**LD50/LC50:** Not available.

**Carcinogenity:** Not available.

**Epidemiology:** Not available.

**Teratogen:** Not available.

**Reproductive Effects:** Not available.

**Neurotoxicity:** Not available.

**Mutagen:** Not available.

**Other Studies:** Not available.

## Section 12 – Ecological Information

**Ecotoxicity** Not available.

**Environmental Fate** Not available.

**Physical/Chemical** Not available.

**Other** Not available.

## Section 13 – Disposal Considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber; observe all federal, state and local environmental regulations.

## Section 14 – Transport Information

### IATA

**UN Number** Not regulated as a hazardous material (IATA/ADR)

**Proper Shipping Name** not available

**Class** not available

**Packing Group** not available

### RID/ADR

**UN Number** Not regulated as a hazardous material (IATA/ADR)

**Proper Shipping Name** not available

**Class** not available

**Packing Group** not available

## Section 15 – Regulatory Information

### European / International Regulations

**Hazard Symbols** not available

<u>R-Phrase No.</u>	<u>Risk Phrases</u>
not available	not available

<u>S-Phrase No.</u>	<u>Safety Phrases</u>
not available	not available

### International Regulations

Not available.

### Various

**Exposure Limit** Not available.

## Section 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.*

1/24/2011