

VUF 5681 dihydrobromide: sc-204389



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: VUF 5681 dihydrobromide
Product Number: sc-204389
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 of the substance or mixture: This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008.

Label elements: The product does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards: none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product Name: VUF 5681 dihydrobromide
Cas Number: 639089-06-8
Formula: C₁₁H₁₉N₃ · 2HBr
Molecular Weight: 355.11

4. FIRST AID MEASURES

Description of first aid measures

General advice: Consult a doctor and show this safety data sheet.

If inhaled: Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.

In case of skin contact: Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.

In case of eye contact: Flush with copious amounts of water for at least 15 minutes. Consult a doctor.

If swallowed: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

Most important symptoms and effects, both acute and delayed: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Indication of immediate medical attention and special treatment needed: Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

5. FIRE-FIGHTING MEASURES

Extinguishing media

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

Special hazards arising from the substance or mixture: In combustion, may emit toxic fumes.

Precautions for fire-fighters: Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Do not take action without suitable protective clothing – see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.

Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Cover spillage with suitable absorbent material. Using non-spark tools, sweep up material and place in an appropriate container. Decontaminate spill site with 10% caustic solution and ventilate area until after disposal is complete. Hold all material for appropriate disposal as described under section 13 of SDS.

Reference to other sections: For required PPE see section 8. For disposal see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling: Use in a chemical fume hood, with air supplied by an independent system. Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure.

Conditions for safe storage, including any incompatibilities: Store in cool, well-ventilated area. Keep away from direct sunlight. Keep container tightly sealed until ready for use. Store desiccated at room temperature.

Specific end uses: Use in a laboratory fume hood where possible. Refer to employer's COSHH risk assessment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components with workplace control parameters: Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls: Use in a fume hood where applicable. Ensure all engineering measures described under section 7 of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

Personal protective equipment

Eye/face protection: Use appropriate safety glasses.

Skin protection: Use appropriate chemical resistant gloves (minimum requirement use standard BS EN 374:2003). Gloves should be inspected before use. Wash and dry hands thoroughly after handling.

Body protection: Wear appropriate protective clothing.

Respiratory protection: If risk assessment indicates necessary, use a suitable respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid	Vapor pressure	Not available
Odor	Not available	Vapor density	Not available
Odor threshold	Not available	Relative density	Not available
pH	Not available	Melting/ freezing point	Not available
Partition coefficient	Not available	Boiling point/ range	Not available
Auto-ignition temperature	Not available	Flash point	Not available
Decomposition temperature	Not available	Evaporation rate	Not available
Viscosity	Not available	Flammability (solid, gas)	Not available
Explosive properties	Not available	Oxidizing properties	Not available

Upper/ lower flammability or explosive limits: Not available

Solubility: Soluble to 100 mM in water and to 100 mM in DMSO.

Other safety information: No data available

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat, moisture.

Incompatible materials: Strong acids/alkalis, strong oxidizing/reducing agents.

Hazardous decomposition products: In combustion may emit toxic fumes. No known decomposition information.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity

No data available

Skin corrosion/irritation

Classification criteria are not met based on available data

Serious eye damage/irritation

Classification criteria are not met based on available data

Respiratory or skin sensitization

Classification criteria are not met based on available data

Germ cell mutagenicity

Classification criteria are not met based on available data

Carcinogenicity

Classification criteria are not met based on available data

Reproductive toxicity

Classification criteria are not met based on available data

Specific target organ toxicity – single exposure

Classification criteria are not met based on available data

Specific target organ toxicity – repeated exposure

Classification criteria are not met based on available data

Aspiration hazard

Classification criteria are not met based on available data

Symptoms / Routes of exposure

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion: There may be irritation of the throat.

Skin: There may be mild irritation at the site of contact.

Eyes: There may be irritation and redness.

Delayed/ Immediate Effects: No known symptoms.

Additional Information

Exposure may cause irritation to eyes, mucous membranes, upper respiratory tract and skin. To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

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

May be harmful to the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product: Transfer to a suitable container and arrange for collection by specialized disposal company in accordance with National legislation.

Contaminated packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes in accordance with National legislation.

14. TRANSPORT INFORMATION

Classified according to the criteria of the UN Model Regulations as reflected in the IMDG Code, ADR, RID and IATA.

UN-Number: Does not meet the criteria for classification as hazardous for transport.

UN proper shipping name: Does not meet the criteria for classification as hazardous for transport.

Transport hazard class(es): Does not meet the criteria for classification as hazardous for transport.

Packaging group: Does not meet the criteria for classification as hazardous for transport.

Environmental hazards: This product is not classified as environmentally hazardous according to the UN Model Regulations, nor a marine pollutant according to the IMDG Code.

Special precautions for users: No data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

Safety, health and environmental regulations/legislation specific for the substance or mixture: No data available

Chemical safety assessment: A Chemical Safety Assessment has not been made for this product.

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.

3/7/2012