

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** Macitentan

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION.

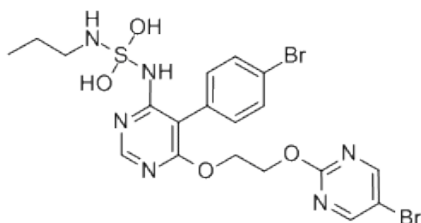
NAME: Macitentan

CHEMICAL NAME:

N-[5-(4-Bromophenyl)-6-[2-[(5-bromo-2-pyrimidinyl)oxy]ethoxy]-4-pyrimidinyl]-N'-propylsulfamide

CAS: 441798-33-0

STRUCTURE FORMULA:



COMPANY INFORMATION: NanJing Core-Tech Add:No.18 Zhilan road , Jiangning District, Nanjing

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS.

APPEARANCE:	White Crystalline Powder
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### SECTION 3. HAZARDS IDENTIFICATION.

HAZARD DESCRIPTION: Special indication of hazards to humans and the environment. Irritating to eyes, respiratory system and skin.

### SECTION 4. FIRST AID MEASURES.

EYE CONTACT:	- In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. -IN CASE OF EYE IRRITATION, CONSULT A PHYSICIAN.
SKIN CONTACT:	- In case of contact, immediately wash skin with soap and copious amounts of water. - CONSULT PHYSICIAN IF UNWELL.
INHALATION:	- If inhaled, remove to fresh air. If not breathing give, artificial respiration. If breathing is difficult, give oxygen. -CONSULT PHYSICIAN IF UNWELL.
INGESTION:	- If swallowed, wash out mouth with water provided person is conscious. - CONSULT PHYSICIAN IF UNWELL.

### SECTION 5. FIRE-FIGHTING MEASURES.

SUITABLE EXTINGUISHING MEDIA:



## Nanjing Core Tech Biomedical Co.,Ltd.

Address: No.18 Zhilan Road ,JiangNing District , Nanjing, Jiangsu ,China

- Water spray- Carbon dioxide, dry chemical powder, or appropriate foam.

### SPECIAL RISKS:

- Emits toxic fumes under fire conditions.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

- Wear self-contained breathing apparatus and protective clothing

Caution: Not fully tested. For research purposes only to prevent contact with skin and eyes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES.

### PROCEDURE(S) OF PERSONAL PRECAUTION(S):

-Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves

### METHODS FOR CLEANING UP

-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

-Do not breathe dust. Avoid contact with eyes, skin,and clothing. Avoid prolonged or repeated exposure.

### STORAGE

-Store in a properly sealed container store at room temperature, shelflife is 2 years.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

### PERSONAL PROTECTIVE EQUIPMENT:

- Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

### BREATHING EQUIPMENT:

- NONE.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES.

### PHYSICAL STATE:

-Powder

### APPEARANCE:

- White crystalline powder

### ODOR:

- NOT AVAILABLE

### MOLECULAR FORMULA:

- C<sub>19</sub>H<sub>22</sub>Br<sub>2</sub>N<sub>6</sub>O<sub>4</sub>S

### MOLECULAR WEIGHT:

- 590.295

## SECTION 10. STABILITY AND REACTIVITY.

### STABILITY:

<p>-Stable under normal handling conditions.</p> <p><b>MATERIALS TO AVOID:</b></p> <p>-Strong oxidizing agents.</p> <p><b>DANGEROUS PRODUCTS OF DECOMPOSITION:</b></p> <p>-May emit toxic gasses like Carbon monoxide, Carbon dioxide, Nitrogen oxides upon thermal decomposition</p>
<p><b>SECTION 11. TOXICOLOGICAL INFORMATION.</b></p>
<p>To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</p>
<p><b>SECTION 12. ECOLOGICAL INFORMATION.</b></p>
<p><b>BIODEGRADABILITY:</b></p> <p>- BIODEGRADATION, NO ECOLOGY TOXICITY UNDER NORMAL CONDITION.</p>
<p><b>SECTION 13. DISPOSAL CONSIDERATIONS.</b></p>
<p>As specific country, federal, state and local environmental regulations vary and change frequently we suggest you contact a local, authorized waste disposal contractor for adequate disposal.</p>
<p><b>SECTION 14. TRANSPORT INFORMATION.</b></p>
<p>RID/ADR</p> <p>-Non-hazardous for road transport</p> <p>IMDG</p> <p>-Non-hazardous for sea transport</p> <p>IATA</p> <p>-Non-hazardous for air transport</p>
<p><b>SECTION 15. REGULATORY INFORMATION.</b></p>
<p><b>CLASSIFICATION</b></p> <p>-Substance not yet fully tested.</p>
<p><b>SECTION 16. OTHER INFORMATION.</b></p>
<p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Nanjing Core-Tech shall not be held liable for any damage resulting from handling or from contact with the above product.</p>