



MATERIAL SAFETY DATA SHEET

1. Identification of substance

Product Name: Bimatoprost

CAS NO: 155206-00-1

Manufacturer/Supplier: Taizhou Crene Biotechnology Co., Ltd.

Add: Economic Developed Zone of Taizhou Zhejiang China.

Tel: +86-576-88813233

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2. Composition/data on components

Chemical

Name: (Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-[(E,3S)-3-hydroxy-5-phenylpent-1-enyl]cyclopentyl]-N-ethylhept-5-enamide

Synonyms: N/A

Hazardous Ingredient: Bimatoprost

CAS Registry Number: 155206-00-1

Molecular Weight: 415.57

Molecular Formula: C₂₅H₃₇NO₄

3. Hazard identification

Hazard Description: Toxic. Contains a pharmaceutically active ingredient.

Handling should only be performed by personnel trained and familiar with handling of potent active pharmaceutical ingredients. Moderate to severe irritant to the skin and eyes.

4. First aid measures

After Inhalation: if inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration

After skin contact: flush with copious amounts of water; remove contaminated clothing and shoes; call a physician

After eye contact: check for and remove contact lenses and flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician

After swallowing: if swallowed, wash out mouth with copious amounts of water; call a physician

5. Fire fighting measures

Suitable extinguishing agents: water spray, carbon dioxide, dry chemical powder or foam

Protective equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire hazard: emits toxic fumes such as carbon monoxide, etc.

6. Accidental release measures

After Inhalation: cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves

Measures for cleaning/collecting: absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

7. Handling

Information for safe handling: avoid inhalation and contact with skin, eyes and clothing; material may be an irritant

8. Exposure controls and personal protection

Personal protective equipment as follows:

Breathing equipment: NIOSH/MSHA-approved respirator

Protection of hands: chemical-resistant rubber gloves
chemical

Eye protection: safety goggles

9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	White powder
b)	Odour	Weak odour
c)	Odour Threshold	no data available
d)	pH	no data available
e)	Melting point/freezing point	no data available
f)	Initial Boiling point and boiling range	no data available
g)	Flash point	no data available
h)	Evaporation rate	no data available
i)	Flammability (solid, gas)	no data available
j)	Upper/lower flammability or explosive limits	no data available
k)	Vapour pressure	no data available
l)	Vapour density	no data available
m)	Relative density	no data available
n)	Water solubility	insoluble in water
o)	Partition coefficient: n-octanol/water	
p)	Auto-ignition temperature	no data available
q)	Decomposition temperature	no data available
r)	Visc reactivity	no data available

10. Stability and osity

Stability: stable if stored as directed; avoid strong oxidizing agents

Thermal decomposition/conditions to be avoided: protect from light and heat

Dangerous products of decomposition: thermal ecomposition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides

11. Toxicological information

RTECS#: Acute toxicity: none known

Primary irritant effect: not known

On the skin: none known

On the eye: not known; may be an irritant

12. Ecological information

General notes:no data available

13. Disposal consideration

Dispose of in accordance with prevailing country, federal, state and local regulations

14. Transport information

DOT:Proper shipping name:none

Non-Hazardous for transport:this substance is considered to be non-hazardous for transport

IATA class:Proper shipping name:none

Non-Hazardous for transport:this substance is considered to be non-hazardous for transport

15.Regulations

Code letter and hazard designation:Product:

Hazard-determining components of labeling:

EU Risk And Safety phrases:

S24/25: avoid contact with skin and eyes

S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28: after contact with skin, wash immediately with plenty of water

S36/37/39: wear protective clothing, gloves and eye/face protection

R28: very toxic if swallowed

R38: irritating to skin

R41: risk of serious damages to eyes

R48: toxic; danger of serious damage to health by prolonged exposure

R62: possible risk of impaired fertility

R63: possible risk of harm to unborn child

16.Other information

The above information is believed to be correct based on our present knowledge but does not purport to be complete. The product is for research use only and for trained personnel. The burden of safe use of this material rests entirely with the user.