

# MATERIAL SAFETY DATA SHEET

## 1. Identification of substance

Product Name:	Pidotimod
Product Number:	DC131011-01
Manufacturer/Supplier:	Tianjin Dongchang Fine Chemical Industry Co.,Ltd Yinliu Town, Ji County, Tianjin, China Tel: +86 22-22892318 Fax: +86 22-22892319 Emergency Phone : +86 22-29898890

## 2. Composition/data on components

Chemical Name:	(R)-3-((S)-2-oxopyrrolidine-5-carbonyl)thiazolidine-4-carboxylic acid
Synonyms:	N/A
Hazardous Ingredient:	Pidotimod
CAS Registry Number:	121808-62-6
Molecular Weight:	244.27
Molecular Formula:	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S

## 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.
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## 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
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## 8. Exposure controls and personal protection

Personal protective equipment as follows:	
Breathing equipment:	NIOSH/MSHA-approved respirator
Protection of hands:	chemical-resistant rubber gloves
Eye protection:	chemical safety goggles

## 9. Stability and reactivity

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 decomposition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides

## 10. 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

### 11. Ecological information

General notes:	no data available
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### 12. Disposal consideration

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

### 13. Transport information

DOT:	
Proper shipping name:	none
Non-Hazardous for transport:	this substance is considered to be non-hazardous for transport
IATA class:	
IATA class:	none
Non-Hazardous for transport:	this substance is considered to be non-hazardous for transport

### 14.Regulations

**Code letter and hazard designation of 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**

### 15.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. TIANJIN DONGCHANG FINE CHEMICAL INDUSTRY CO., LTD disclaims all liability for any damage resulting from use of this material.