

# Valsartan

## Company Information

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## Product Identification

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### **【Product Name】**

3-Methyl-2-[pentanoyl-[[4-[2-(2H-tetrazol-5-yl)phenyl]phenyl]methyl]amino]-butanoic acid

### **【Synonyms】**

L-Valine, N-(1-oxopentyl)-N-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-

### **【CAS】**

[137862-53-4](#)

### **【Formula】**

C<sub>24</sub>H<sub>29</sub>N<sub>5</sub>O<sub>3</sub>

### **【Molecular Weight】**

435.53

### **【Merck】**

12,10051

## Physical and Chemical Properties

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### **【Solubility in water】**

Soluble

### **【Melting Point】**

116 - 117

### **【Vapor Pressure】**

1.1E-19 (25 C)

**【Density】**

1.21 g/cm<sup>3</sup> (20 C)

**【pKa/pKb】**

3.69 (pKa)

**【Partition Coefficient】**

4.74

**【Usage】**

Angiotensin ii receptor antagonist.

## Handling and Storage

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**【Storage】**

Store in original container in a cool dark place.

## Hazards Identification

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**【Inhalation】**

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**【Skin】**

Immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

**【Eyes】**

Immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical advice.

**【Ingestion】**

If swallowed, wash out mouth with water, provided person is conscious. Seek medical advice.

## Exposure Controls/Personal Protection

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### **【Personal Protection】**

Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves.

## **Fire Fighting Measures**

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### **【Fire Fighting】**

Extinguish with carbon dioxide, dry chemical powder or appropriate foam. Water spray. Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.

## **Accidental Release Measures**

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### **【Small spills/leaks】**

Sweep-up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pickup is complete.

## **Stability and Reactivity**

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### **【Combustion Products】**

Emits toxic fumes under fire conditions.