

## 1. Identification

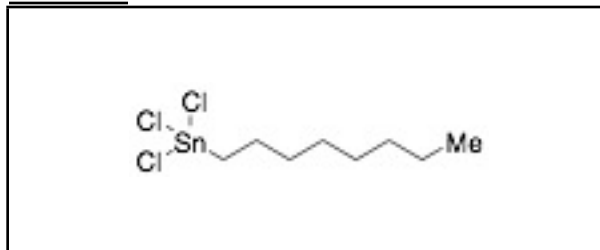
Catalogue Number

T774380

Lot Number

712068515-2-1

Structure



Product Name

Trichlorooctyl-stannane

Synonyms

Octyltin trichloride; Trichlorooctyl-tin; Mono-n-octyltin Trichloride; Mono-octyltin Trichloride; NSC 297508; Octyltrichlorostannane; Trichloro-n-octylstannane; Trichlorooctylstannane; n-Octyltin trichloride; n-Octyltrichlorostannane

CAS Number

3091-25-6

Solubility

Chloroform (Sparingly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice, Dry Pack

Molecular Formula

C<sub>8</sub>H<sub>17</sub>Cl<sub>3</sub>Sn

Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

338.29

Purity

95%

## 2. Warnings

Hygroscopic, Moisture Sensitive

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Brown Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Sn NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 29.85, %H: 5.35

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed by

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

9/6/2024

Retest Date

9/4/2028