

## 1. Identification

### Catalogue Number

C369237

### Lot Number

26-BHW-182-5

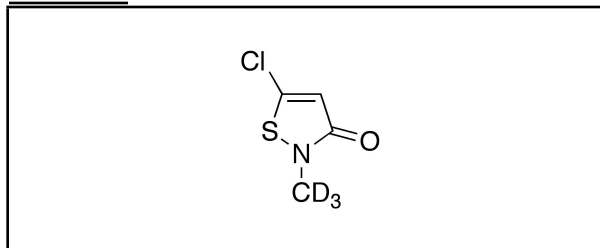
### Product Name

5-Chloro-2-methyl-3-isothiazolone-d3

### Synonyms

5-Chloro-2-methyl-3(2H)-isothiazolone-d3; 2-Methyl-5-chloro-3-isothiazolone-d3; 2-Methyl-5-chloroisothiazolin-3-one-d3; A 33-d3; Bioace-d3; HS 818-d3; Kathon CG 5243-d3; Kathon IXE-d3; Methylchloroisothiazolinone-d3;

### Structure



### CAS Number

1329611-34-8

### Solubility

Chloroform (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>4</sub>HD<sub>3</sub>ClNOS

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C

### Molecular Weight

152.62

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Light Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 31.41, %H: 2.68, %N: 9.08
HPLC Purity	>95%	97.63% (275 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.6%

### Additional Information

Normalized Intensity: d<sub>0</sub> = 0.05%, d<sub>1</sub> = 0.41%, d<sub>2</sub> = 0.35%, d<sub>3</sub> = 99.19%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			5/12/2025	5/10/2029
Vijaya Annapareddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Sadaf Samadi Quality Assurance Associate		