



## 1. Identification

### Catalogue Number

M330818

### Lot Number

8-VAS-115-5

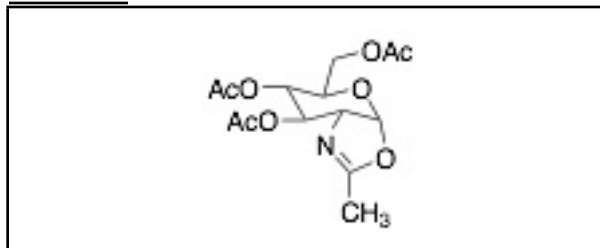
### Product Name

2-Methyl-4,5-(3,4,6-tri-O-acetyl-2-deoxy- $\alpha$ -D-glucopyrano)- $\Delta^2$ -oxazoline

### Synonyms

5-(Acetoxymethyl)-2-methyl-5,6,7,7a-tetrahydro-3aH-pyrano[3,2-d]oxazole-6,7-diyl diacetate

### Structure



### CAS Number

35954-65-5

### Solubility

Chloroform (Sparingly), Ethyl Acetate (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>14</sub>H<sub>19</sub>NO<sub>8</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Inert atmosphere

### Molecular Weight

329.31

### Purity

95%

## 2. Warnings

Not Determined

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless to Pale Yellow Thick Oil	Clear Colourless to Pale Yellow Thick Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.00, %H: 5.60, %N: 4.01
HPLC Purity	Report Result	95.74% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+7.6° (c = 1.0, Chloroform)

### Additional Information

Contains: ~3.3% Dichloromethane

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . 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>
			8/6/2021	8/4/2025
Neha Khanna	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		