



## CERTIFICATE OF ANALYSIS

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### 1. Identification

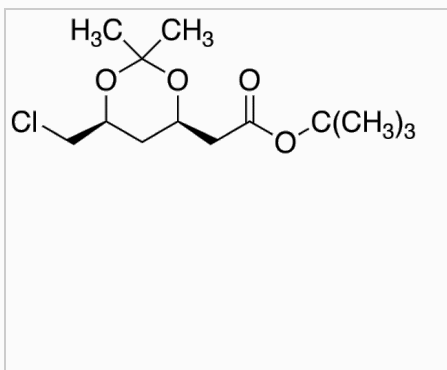
**Catalogue Number:** C369175

**CAS Number:** 154026-94-5

**Product:** (4R-cis)-6-Chloromethyl-2,2-dimethyl-1,3-dioxane-4-acetic Acid tert-Butyl Ester

**Synonym:** (4R,6S)-6-(Chloromethyl)-2,2-dimethyl-1,3-dioxane-4-acetic Acid 1,1-Dimethylethyl Ester;

**Structure:**



**Molecular Formula:**

C<sub>13</sub>H<sub>23</sub>ClO<sub>4</sub>

**Molecular weight:**

278.77

**Source of Product:**

Synthetic

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly)

**Lot Number:** 16-YKZ-173-2

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

| Tests:     | Specifications:        | Results:               |
|------------|------------------------|------------------------|
| NMR        | Conforms to Structure  | Conforms               |
| Appearance | Off-White Sticky Solid | Off-White Sticky Solid |
| MS         | Conforms to Structure  | Conforms               |
| GC         | Report Result          | 98.90%                 |

**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  | Reviewed By   | C of A Approved By | Test Date | Retest Date |
|--------------|---------------|--------------------|-----------|-------------|
| Sarbjit Kaur | Toni Rantanen | Chanell Chu        | 9/27/2022 | 9/25/2026   |