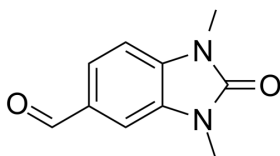


## Certificate of Analysis

**Product Name:** 1,3-Dimethyl-2-oxo-2,3-dihydro-1H-benzo[d]imidazole-5-carbaldehyde  
**Cat. No.:** CS-0102201  
**CAS No.:** 55241-49-1  
**Batch No.:** 120012  
**Chemical Name:** 1H-Benzimidazole-5-carboxaldehyde, 2,3-dihydro-1,3-dimethyl-2-oxo-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 190.20  
**Storage:** 2-8°C, stored under nitrogen  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to light yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 96.08%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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