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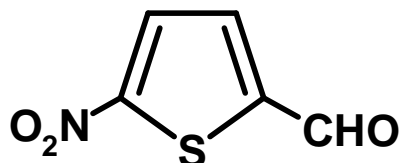
## Product Specifications

### 5-Nitro-2-thiophenecarboxaldehyde

**CAS** 4521-33-9

**Syn:** 2-Formyl-5-nitrothiophene; 5-Nitro-2-formylthiophene; 2-Nitrothiophene-5 carboxaldehyde; 5-Nitro-2-thienylaldehyde; 5-Nitro-2-thiophenealdehyde; 5-Nitro-2-thienyl-carboxaldehyde

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>5</sub>H<sub>3</sub>NO<sub>3</sub>S**  
*Synthetic*

**Mol. Wt.**

156.98

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	Infrared
<b>Appearance</b>	Pale-yellow microcryst. solid
<b>Mp</b>	74 – 76 °C
<b>Assay</b>	> 98 %
<b>Moisture (K-F)</b>	< 0.3%
<b>Ash (residue on ignition)</b>	< 0.2%
<b>Heavy metals</b>	< 10 ppm

**Storage:** Maintain in cool, DARK containment.