



# CERTIFICATE OF ANALYSIS

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## 1. Identification

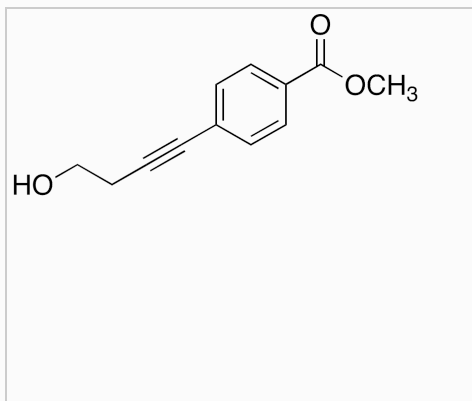
**Catalogue Number:** H831235

**CAS Number:** 123910-86-1

**Product:** 4-(4-Hydroxy-1-butynyl)benzoic Acid Methyl Ester

**Synonym:** 4-(4-Hydroxy-1-butyn-1-yl)-benzoic Acid Methyl Ester

**Structure:**



**Molecular Formula:**

C<sub>12</sub>H<sub>12</sub>O<sub>3</sub>

**Molecular weight:**

204.22

**Source of Product:**

Synthetic

**Solubility:**

Chloroform (Slightly),  
Dichloromethane (Slightly),  
Methanol (Slightly)

**Lot Number:** 3-LIU-39-6

**Purity:** 95%

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

**Storage Condition:** 4°C

## 2. Warning

**Warning 1:** Light Sensitive

**Warning 2:**

**Warning 3:**

## 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Dark Yellow Solid	Dark Yellow Solid
Melting Point	Report Result	90 - 93°C
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.16, %H: 5.81
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	97.98%

**Additional Information:** NA

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
Philip Chan	Eric Beaton	Clarissa Santos	10/18/2018	10/16/2025