

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 02318  
**Lot Number** 001331-20150318  
**Product** **4-(Hydroxymethyl)benzoic acid**

HMBA Linker

4-Carboxybenzyl alcohol

**CAS Number** 3006-96-0

**Molecular Formula** C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>

**Molecular Weight** 152.2

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**Appearance** White crystalline powder

**Melting Point** 182.1-182.7 °C (dec)

**Loss on Drying** 0.11%

**Purity by HPLC** 99.3%

**Application** This linkage reagent for SPPS is essentially acid stable. It is useful in combination with Fmoc-amino acids. Its peptide esters are usually cleaved by basic or nucleophilic reagents, especially by ammonia in the preparation of peptide amides.

**Storage** Store at 0-8 °C

**Remarks** See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**