## **Certificate of Analysis**

## Fmoc-D-Val-OH

Cat. No.: HY-W009119
CAS No.: 84624-17-9
Batch No.: 278344

Chemical Name: D-Valine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{21}NO_4$ Molecular Weight: 339.39

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to light yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

 Purity (HPLC):
 99.35%

 Water(KF):
 0.70%

 Residue on Ignition:
 0.04%

 OR(C=1.00 g/100ml DMF):
 16.3°

**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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