

## CERTIFICATE OF ANALYSIS

### GENERAL INFORMATION

**Product No.:** GA752000

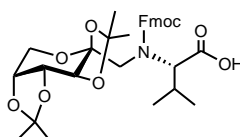
**CAS No.:** N/A

**Product Name:** Fmoc-(i,i-Fru)-Val-OH

**Other Names:** Fructosyl-valine (Fmoc, Di-isopropylidene protected); N- $\alpha$ -Fmoc-N- $\alpha$ -(1-deoxy-2,3,4,5-di-O-isopropylidene- $\beta$ -D-fructopyranos-1-yl)-L-valine

**Description:** N/A

**Structure:**



**Formula:** C<sub>32</sub>H<sub>39</sub>NO<sub>9</sub>

**Mol. Wt.:** 581.65

**Exact Mass:** 581.26

### CHARACTERIZATION

**PROPERTY**

**OBSERVATION**

**Appearance & Physical State:**

White, solid powder

**Proton NMR** (CDCl<sub>3</sub>, 500 MHz):

Conforms

**Mass Spectrometry** (ESI-POS):

Conforms, [M+H]<sup>+</sup> = 582.5

**Purity** (>95% by HPLC):

Conforms, >95%

### BATCH INFORMATION

**Lot No.:**

XXXXXX

**Date Prepared:**

XXXXXX

### NOTES

1. Store as lyophilized powder at -20 ± 5°C.
2. Keep dry. Allow container and contents to warm to room temperature before opening.
3. Avoid storing product in solutions.