

## CERTIFICATE OF ANALYSIS

### GENERAL INFORMATION

**Product No.:** GA531000

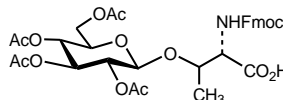
**CAS No.:** 130548-92-4

**Product Name:** Fmoc-Thr( $\beta$ -D-Glc(Ac)<sub>4</sub>)-OH

**Other Names:** Fmoc-Thr( $\beta$ -D-Glc)-OH, peracetate; Fmoc-Thr(Glc(Ac)<sub>4</sub>- $\beta$ -D)-OH; Fmoc-L-Thr((Ac)<sub>4</sub>- $\beta$ -D-Glc)-OH; N- $\alpha$ -Fmoc-O- $\beta$ -(2,3,4,6-tetra-O-acetyl- $\beta$ -D-glucopyranosyl)-L-threonine; N-(9-Fluorenylmethoxycarbonyl)-O-(2,3,4,6-tetra-O-acetyl- $\beta$ -D-glucopyranosyl)-L-threonine

**Description:** N/A

**Structure:**



**Formula:** C<sub>33</sub>H<sub>37</sub>NO<sub>14</sub>

**Mol. Wt.:** 671.65

**Exact Mass:** 671.22

### CHARACTERIZATION

PROPERTY	OBSERVATION
<b>Appearance &amp; Physical State:</b>	Off-white, solid powder
<b>Proton NMR</b> (d <sub>4</sub> -MeOH, 400 MHz):	Conforms
<b>Mass Spectrometry</b> (ESI-POS):	Conforms, [M+H] <sup>+</sup> = 672.1 [2M+H] <sup>+</sup> = 1343.4
<b>Purity</b> (>95% by HPLC):	Conforms, >98%

### BATCH INFORMATION

**Lot No.:** XXXXXXX

**Date Prepared:** XXXXXXX

### 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.