

## CERTIFICATE OF ANALYSIS

### GENERAL INFORMATION

**Product No.:** GA441000

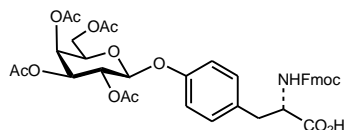
**CAS No.:** N/A

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

**Other Names:** Fmoc-Tyr( $\beta$ -D-Gal)-OH, peracetate; Fmoc-L-Tyr(Gal(Ac)<sub>4</sub>- $\beta$ -D)-OH; Fmoc-L-Tyr( $\beta$ -D-Gal(Ac)<sub>4</sub>)-OH; N- $\alpha$ -(9-Fluorenylmethyloxycarbonyl)-O-(2,3,4,6-tetra-O-acetyl- $\beta$ -D-galactopyranosyl)-L-tyrosine

**Description:** N/A

**Structure:**



**Formula:** C<sub>38</sub>H<sub>39</sub>NO<sub>14</sub>

**Mol. Wt.:** 733.71

**Exact Mass:** 733.24

### CHARACTERIZATION

**PROPERTY**

**OBSERVATION**

**Appearance & Physical State:**

White to off-white, solid powder

**Proton NMR** (d<sub>4</sub>-MeOH, 500 MHz):

Conforms

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

Conforms, [M+H]<sup>+</sup> = 733.8

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

Conforms, >99%

### 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.