Ganglioside GT1b
Trisialoganglioside-GT1b (porcine brain, triammonium salt)
860059P-5mg

Molecular Weight 2180.42 (based on representative structure, may not reflect exact MW of compound)
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6459PHB010
Avanti Lot Number 860059P-5MG-B-010

<table>
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<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<td>Physical examination</td>
<td><strong>Powder:</strong> White solid which contains no foreign matter.</td>
<td>Pass</td>
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| TLC              | >99% Purity
|                  | Ninhydrin spray: negative
|                  | Iodine: one major spot
|                  | Phosphorus: negative
|                  | Charring: positive
|                  | Water dip: one major spot
|                  | All Pass                                          |
| Proton NMR       | NMR spectrum consistent with structure             | Consistent with structure |
| Mass Spectroscopy | [M-3NH4+H]²⁻ = 1063.7± 1 amu (predominant species) | [M-3NH4+H]²⁻ = 1063.06 amu |

Approved by: 

[Signature]