

**C11 TopFluor<sup>®</sup> Galactosyl Ceramide**

N-[11-(dipyrrometheneboron difluoride)undecanoyl]-D-galactosyl-β1-1'-D-erythro-sphingosine

**810266P-250ug**

Page 1 of 1

<b>Molecular Weight</b>	875.972
<b>Chemical Formula</b>	C <sub>48</sub> H <sub>80</sub> N <sub>3</sub> O <sub>8</sub> F <sub>2</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5414PEC010
<b>Avanti Lot Number</b>	810266P-250UG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> Yellow to orange solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform:Methanol:Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	495nm/503nm	Pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 876.972 ± 1 amu	[M+H] <sup>+</sup> = 877.3 amu

Approved by:

