

**pacFA GlcCer**

D-glucosyl-β-1,1' N-(9-(3-pent-4-ynyl-3-H-diazirin-3-yl)-nonanoyl)-D-erythro-sphingosine

**900405P-1mg**

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<b>Molecular Weight</b>	707.980
<b>Chemical Formula</b>	C <sub>39</sub> H <sub>69</sub> N <sub>3</sub> O <sub>8</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-80 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6380PGA010
<b>Avanti Lot Number</b>	900405P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 708.980 ± 1 amu	[M+H] <sup>+</sup> = 709.1 amu

Approved by:

