

**pacFA GalCer****D-galactosyl-β-1,1' N-(9-(3-pent-4-ynyl-3-H-diazirin-3-yl)-nonanoyl)-D-erythro-sphingosine****900406P-1mg****Page 1 of 1**

**Molecular Weight** 707.980  
**Chemical Formula** C<sub>39</sub>H<sub>69</sub>N<sub>3</sub>O<sub>8</sub>  
**Physical State** Powder  
**Storage** -80°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6381PGB010  
**Avanti Lot Number** 900406P-1MG-B-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	All 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> = 709.2 amu

Approved by:



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