

ACe-1

N-[(E)-4-(4-((4-butylphenyl)diazenyl)phenyl)butanoyl]-D-erythro-sphingosine

870620P-5mg

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<b>Molecular Weight</b>	605.89
<b>Chemical Formula</b>	C <sub>38</sub> H <sub>59</sub> N <sub>3</sub> O <sub>3</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>	6496PHA010
<b>Lot Number</b>	870620P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder</b> : White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform:Methanol)	>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+H] <sup>+</sup> = 606.89 ± 1 amu [M+H-H <sub>2</sub> O] <sup>+</sup> = 588.89 ± 1 amu	[M+H] <sup>+</sup> = 606.5 amu

Approved by:

