

12-NBD Stearate

12-N-methyl-(7-nitrobenz-2-oxa-1,3-diazo)aminostearic acid

810110P-1mg

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Molecular Weight	476.609
Chemical Formula	C ₂₅ H ₄₀ N ₄ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5313PGB010
Avanti Lot Number	810110P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: yellow to orange powder which contains no foreign matter.	Pass
TLC (85:15 Chloroform : Methanol)	>99% Purity UV: one major spot 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] ⁻ = 475.609 ± 1 amu	[M-H] ⁻ = 475.4 amu

Approved by:

