

## 12-NBD Stearate

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

810110C-1mg

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<b>Molecular Weight</b>	476.609
<b>Chemical Formula</b>	C <sub>25</sub> H <sub>40</sub> N <sub>4</sub> O <sub>5</sub>
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5313CGA010
<b>Avanti Lot Number</b>	810110C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> yellow to orange solution with 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] <sup>-</sup> = 475.609 ± 1 amu	[M-H] <sup>-</sup> = 475.4 amu

Approved by:

