

NBD AA

20-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino] arachidonic acid

810106C-1MG

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Molecular Weight	482.572
Chemical Formula	C ₂₆ H ₃₄ N ₄ O ₅
Physical State	Chloroform
Storage	-80°C
Expiration Date	Three months from date of receipt
M Lot Number	5310CGA010
Avanti Lot Number	810106C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Yellow to orange solution with no foreign matter	Pass
TLC (7:3 Hexane: Ethyl Acetate)	>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] ⁻ = 481.572 ± 1 amu	[M-H] ⁻ = 481.4 amu
Excitation/Emission by UV/Vis	λ _{Ex max} = 467 nm λ _{Em max} = 535 nm	Pass

Approved By:



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