

NBD AA

12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino] arachidonic acid

810106

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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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