

**AEA-d11**
**C20:4 anandamide-d11**
**857466W-500ug**

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<b>Molecular weight</b>	358.602
<b>Chemical formula</b>	C <sub>22</sub> H <sub>26</sub> D <sub>11</sub> NO <sub>2</sub>
<b>Physical State</b>	Methanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5846WFA010
<b>Avanti Lot Number</b>	857466W-500UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Methanol:</b> Clear solution with no foreign matter	Pass
TLC (4:6 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 359.602 ± 1 amu	[M+H] <sup>+</sup> = 359.6 amu

Approved By:

