

**MAPCHO®-12-d38**  
 dodecyl phosphocholine-d38  
 860336P-10mg

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**Molecular Weight** 389.696  
**Chemical Formula** C<sub>17</sub>D<sub>38</sub>NO<sub>4</sub>P  
**Physical State** Powder  
**Storage** -20 °C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5882PLA010  
**Avanti Lot Number** 860336P-10MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (65:35:8 Chloroform:Methanol:Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 390.696 ± 1 amu	[M+H] <sup>+</sup> = 390.6 amu

Approved by:

