

**TopFluor® Cholesterol**

23-(dipyrrometheneboron difluoride)-24-norcholesterol

**810255P-1mg**

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<b>Molecular Weight</b>	576.611
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>51</sub> BF <sub>2</sub> N <sub>2</sub> O
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5407PGA018
<b>Avanti Lot Number</b>	810255P-1MG-A-018

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> Yellow to orange solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform:Methanol)	>99% Purity UV: one major spot Ninhydrin: n/a Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	495nm/507nm	Pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 577.611 ± 1 amu	[M+H] <sup>+</sup> = 577.4 amu

Approved by:

