TopFluor® Cholesterol
23-(dipyrrometheneboron difluoride)-24-norcholesterol
810255P-5mg

Molecular Weight 576.611
Chemical Formula C_{36}H_{51}BF_{2}N_{2}O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5407PHF018
Avanti Lot Number 810255P-5MG-F-018

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td><strong>Powder</strong>: Yellow to orange solid which contains no foreign matter.</td>
<td>Pass</td>
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</tbody>
</table>
| 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 | \([\text{M+H}^+] = 577.611 \pm 1 \text{ amu}\) | \([\text{M+H}^+] = 577.4 \text{ amu}\) |

Approved by:

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