5(6)-ROX

Cat. No.: HY-D0043
CAS No.: 198978-94-8
Molecular Formula: C_{33}H_{30}N_{2}O_{5}
Molecular Weight: 534.6
Target: DNA Stain
Pathway: Cell Cycle/DNA Damage
Storage: 4°C, protect from light
* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

SOLVENT & SOLUBILITY

<table>
<thead>
<tr>
<th>In Vitro</th>
<th>DMSO: 50 mg/mL (93.53 mM; Need ultrasonic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparing Stock Solutions</td>
<td>Mass</td>
</tr>
<tr>
<td>1 mM</td>
<td>1.8706 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.3741 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.1871 mL</td>
</tr>
</tbody>
</table>

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description
5(6)-ROX is a nucleic acid fluorescent label which can be used as a reference dye for real-time polymerase chain reaction.

CUSTOMER VALIDATION

See more customer validations on www.MedChemExpress.com

REFERENCES
