Product Data Sheet

Product Name: HiLyte Fluor™ 750 amine
Size: 1 mg
Catalog Number: AS-81267
Molecular Weight: 1071.38
Solvent: Water

Product Description: HiLyte Fluor™ 750 amine is a carbonyl-reactive fluorescent labeling dye. Spectrally similar to Cy7 dye, HiLyte Fluor™ 750 amine is the longest-wavelength carbonyl-reactive HiLyte Fluor™ dye currently available. Its fluorescence emission maximum at 778 nm is well separated from commonly used far-red fluorophores such as HiLyte Fluor™ 647, HiLyte Fluor™ 680 or Allophycocyanin (APC), facilitating multicolor analysis. With a peak excitation at ~754 nm, conjugates of HiLyte Fluor™ 750 dyes are well excited by a xenon-arc lamp or dye-pumped lasers operating in the 720–750 nm range.

Spectra: Maximum Ex/Em wavelength is 754/778 nm.

![Spectra Graph]
**Stock Solution Preparation:** Prepare 10 mg/ml dye stock solution in water. Completely dissolve all dye content by vortexing. Dye solution should be prepared fresh, immediately before an experiment. Long-term storage in solution form may reduce dye activity. Any solution containing the dye should be protected from light.

**Shelf Life and Storage:** Shelf life is two years if stored at -20°C, desiccated and protected from light.

**Related Products:**

<table>
<thead>
<tr>
<th>Catalog#</th>
<th>Product Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS-81266</td>
<td>HiLyte Fluor™ 750 acid, SE</td>
</tr>
<tr>
<td>AS-81268</td>
<td>HiLyte Fluor™ 750 hydrazide</td>
</tr>
<tr>
<td>AS-81269</td>
<td>HiLyte Fluor™ 750 C2 maleimide</td>
</tr>
</tbody>
</table>

This product is for *in vitro* research use only.