**Product number:** KS-550  
**Product name:** 510 – 560 nm Fluorescence Polarization Standard

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**General Data**

*Solubility:* Water, alcohol, DMF, DMSO  
*Insoluble:* Hexane, toluene  
*Storage:* Store in absence of light and refrigerate

**Description**

- Fluorescence polarization standard for the excitation range between 510 and 560 nm

**Applications**

- Calibration of fluorescence instrumentation equipped with polarizers

**Storage**

- Refrigerated in absence of light

**Spectral Data**

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<tbody>
<tr>
<td>Water</td>
<td>549</td>
<td>510–560</td>
<td>565</td>
<td>560–590</td>
<td>345±3</td>
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</tbody>
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![Excitation Polarization Spectrum of Standard at 25 ºC in water. The fluorescence polarization is constant at 345±3 mP between 510 nm and 560 nm](image)

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**Sample Preparation**

The standard kit consists of 4 vials of the standard supplied as a solid in a 5 mL vial. The supplied standard is to be injected in its original vial with 4 mL of distilled or deionized water. For measurement the solution is then transferred to an optical cuvette using a syringe filter, e.g. a 0.45 mm GHP ACRODISC (PALL), (not included). Do not store these solutions for an extended period of time.