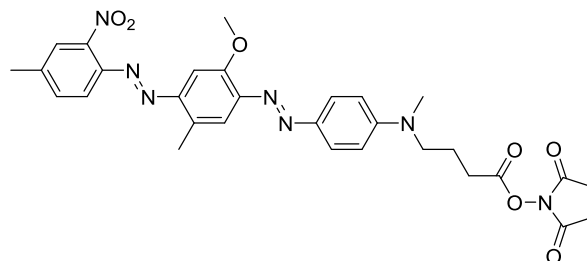


### UBQ-1 NHS Ester

<b>Product Name:</b>	UBQ-1 NHS Ester
<b>Product No.:</b>	1731
<b>Molecular Weight:</b>	586.58
<b>CAS:</b>	n/a
<b>Solubility:</b>	DMSO, DMF
<b>Appearance:</b>	Dark solid
<b>Shelf life:</b>	3 years at -20°C
<b>Shipping:</b>	At ambient temperature
<b>Storage:</b>	Upon receipt store at -20°C

#### Chemical Structure



#### Optical Properties

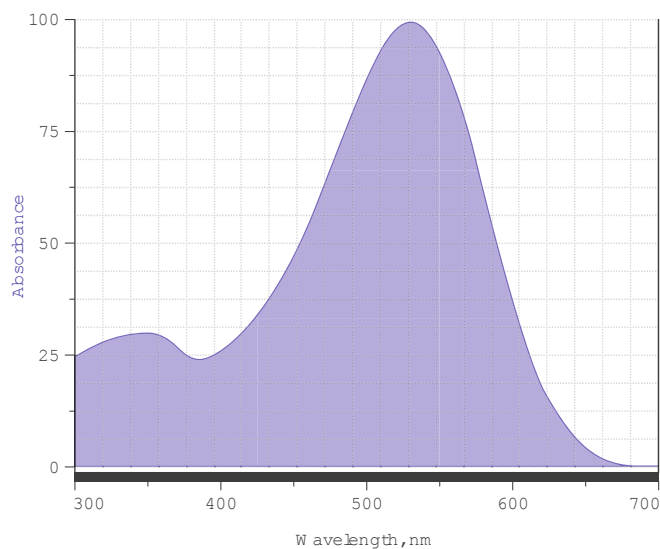
$\lambda_{\text{abs}}$  534 nm

Quenching range: 480 nm – 580 nm

$\epsilon_{\text{max}}$  34,000 M<sup>-1</sup>cm<sup>-1</sup>

Spectrally compatible dyes: Fluorescein, Oregon Green, Carboxyrhodamine 110 (Rhodamine Green), Tetrachlorofluorescein (TET), JOE, Carboxyrhodamine 6G, Alexa Fluor® 488, 532, 546, 555, Cy3 and TAMRA.

#### Absorption and Emission Spectra



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CF Dyes is a trademark of Biotium Inc. Black Hole Quencher® is a registered trademark of LGC Biosearch Technologies Inc.