



DY-681

## DY-681

Absorption / emission max.:  
691 nm / 708 nm(in Ethanol)

Molar absorbance:  
140.000 M<sup>-1</sup>cm<sup>-1</sup>

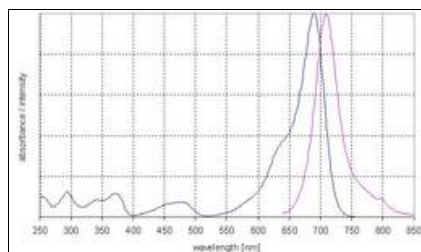
Comments:

- Soluble in water, methanol, DMF, DMSO
- Bright solid state emission
- Suitable for protein labeling, microarray experiments, FisH microscopy, gel electrophoresis
- Negatively charged
- improved water solubility

## Available Modifications

Available Modifications	Molecular Weight (g • mol <sup>-1</sup> )	Molecular formula	Productnumber
Carboxylic acid	736.88	C <sub>36</sub> H <sub>45</sub> N <sub>2</sub> O <sub>9</sub> S <sub>2</sub> Na	681-00
NHS-ester	833.95	C <sub>40</sub> H <sub>48</sub> N <sub>3</sub> O <sub>11</sub> S <sub>2</sub> Na	681-01
Amino-derivative	756.99	C <sub>38</sub> H <sub>52</sub> N <sub>4</sub> O <sub>8</sub> S <sub>2</sub>	681-02
Maleimide	859.01	C <sub>42</sub> H <sub>51</sub> N <sub>4</sub> O <sub>10</sub> S <sub>2</sub> Na	681-03
dUTP	1362.94	C <sub>54</sub> H <sub>70</sub> N <sub>6</sub> O <sub>23</sub> P <sub>3</sub> S <sub>2</sub> Li <sub>5</sub>	681-03

## Diagram, Formel



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