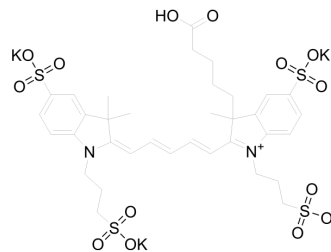


## AF 647 carboxylic acid

Cat. No.:	HY-D2160
Molecular Formula:	C <sub>35</sub> H <sub>41</sub> K <sub>3</sub> N <sub>2</sub> O <sub>14</sub> S <sub>4</sub>
Molecular Weight:	959.26
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

AF 647 carboxylic acid is a derivative of the far-infrared dye AF 647. AF 647 is often used as a replacement for Cy5 dye. The maximum excitation wavelength is 648 nm and the maximum emission wavelength is 671 nm. AF 647 carboxylic acid has a carboxylic acid group and can be coupled to biomolecules with amino groups to achieve dye labeling.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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