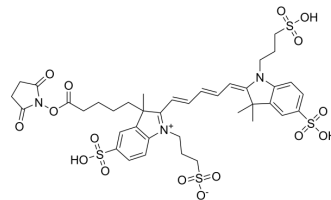


## Alexa fluor 647 NHS ester

Cat. No.:	HY-D2096
CAS No.:	1620475-28-6
Molecular Formula:	C <sub>39</sub> H <sub>47</sub> N <sub>3</sub> O <sub>16</sub> S <sub>4</sub>
Molecular Weight:	942.06
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Alexa fluor 647 NHS ester can be used to label Alexa fluor 647 to the primary amines (R-NH<sub>2</sub>) of proteins, amine-modified oligonucleotides, and other amine-containing molecules<sup>[1]</sup>.

### REFERENCES

[1]. Martin Lehmann, et al. Multicolor Caged dSTORM Resolves the Ultrastructure of Synaptic Vesicles in the Brain. *Angew Chem Int Ed Engl.* 2015 Nov 2;54(45):13230-5.

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

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