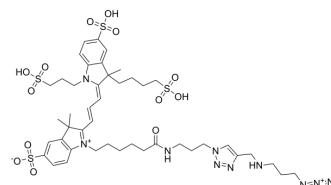


## Cy3 azide plus

<b>Cat. No.:</b>	HY-D1868
<b>CAS No.:</b>	2669097-28-1
<b>Molecular Formula:</b>	C <sub>44</sub> H <sub>62</sub> N <sub>10</sub> O <sub>13</sub> S <sub>4</sub>
<b>Molecular Weight:</b>	1067.28
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cy3 azide plus is a Cyanine 3 (Cy3) (HY-D0822) dye derivative with an azide functional group. Cy3 is a fluorescent dye with a fluorescence spectrum typically in the green to orange wavelength range. The azide group of Cy3 azide plus can react chemically with molecules containing alkyne functionality, such as alkyne or cyclooctyne, to form covalent bonds. Therefore, Cy3 azide plus can bind to biomolecules such as proteins and antibodies to track their location and dynamic changes in biological samples.

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

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