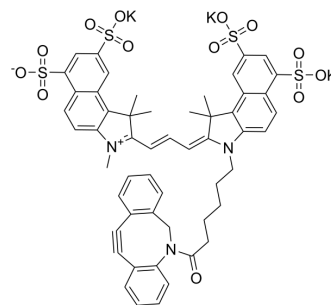


## Sulfo-Cy3.5-DBCO

Cat. No.:	HY-D2240
Molecular Formula:	C <sub>53</sub> H <sub>46</sub> K <sub>3</sub> N <sub>3</sub> O <sub>13</sub> S <sub>4</sub>
Molecular Weight:	1178.5
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sulfo-Cy3.5-DBCO is a fluorescent dye. Sulfo-Cy3.5-DBCO is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.

### REFERENCES

[1]. Gruber HJ, et al. Anomalous fluorescence enhancement of Cy3 and cy3.5 versus anomalous fluorescence loss of Cy5 and Cy7 upon covalent linking to IgG and noncovalent binding to avidin. *Bioconjug Chem.* 2000 Sep-Oct;11(5):696-704.

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

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