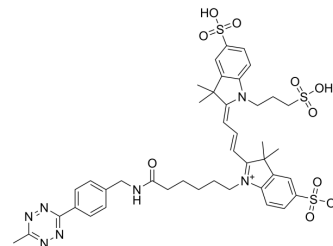


## Sulfo-Cy3-Methyltetrazine

Cat. No.:	HY-151713
CAS No.:	1801924-47-9
Molecular Formula:	C <sub>42</sub> H <sub>49</sub> N <sub>7</sub> O <sub>10</sub> S <sub>3</sub>
Molecular Weight:	908.07
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sulfo-Cy3-Methyltetrazine (figure 7 compound 5) is a click chemistry reagent containing methyltetrazine and a water-soluble dye. Sulfo-Cy3-Methyltetrazine shows good stability at physiological pH. Sulfo-Cy3-Methyltetrazine can be coupled to trans-cyclooctene and is also highly reactive towards cyclooctene<sup>[1]</sup>.

### REFERENCES

[1]. Nathan Luedtke, et al. Methods and products from the reaction of tetrazines with nucleic acid polymers bearing ethenyl aromatic groups. Patent WO2015197655A1.

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

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