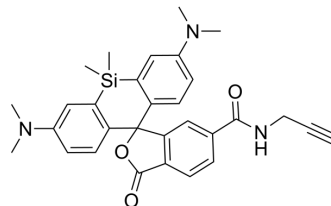


## SiR-alkyne

Cat. No.:	HY-D2218
Molecular Formula:	C <sub>30</sub> H <sub>31</sub> N <sub>3</sub> O <sub>3</sub> Si
Molecular Weight:	509.67
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

SiR-alkyne is a propargyl formamide derivative of N-fluorophore silichodamine (SiR). SiR-alkyne reacts with azide derivatives in the presence of copper (I) to form 1, 2, 3-triazole bonds.

### REFERENCES

[1]. Lukinavičius G, Mitronova GY, Schnorrenberg S, et al. Fluorescent dyes and probes for super-resolution microscopy of microtubules and tracheoles in living cells and tissues. Chem Sci. 2018;9(13):3324-3334. Published 2018 Feb 26.

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

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