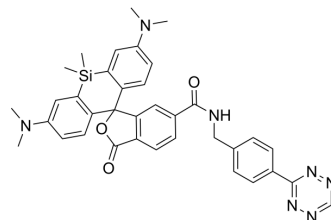


SiR-tetrazine

Cat. No.:	HY-D2236
CAS No.:	2643948-31-4
Molecular Formula:	C ₃₆ H ₃₅ N ₇ O ₃ Si
Molecular Weight:	641.79
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SiR-tetrazine is a Tetrazine modified SiR (silicon rhodamine) fluorescent dye. SiR-tetrazine is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing TCO groups^[1].

REFERENCES

[1]. Werther P, et, al. Bio-orthogonal Red and Far-Red Fluorogenic Probes for Wash-Free Live-Cell and Super-resolution Microscopy. ACS Cent Sci. 2021 Sep 22;7(9):1561-1571.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA