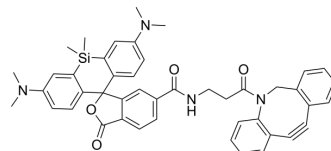


SiR-DBCO

Cat. No.:	HY-W879093
CAS No.:	2259859-41-9
Molecular Formula:	C ₄₅ H ₄₂ N ₄ O ₄ Si
Molecular Weight:	730.92
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

SiR-DBCO is a fluorescent dye. SiR-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^[1].

REFERENCES

[1]. Wang N, et al. Silicon-substituted rhodamines for stimulated emission depletion fluorescence nanoscopy [J]. Chinese Chemical Letters, 2022, 33(1): 133-140.

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

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