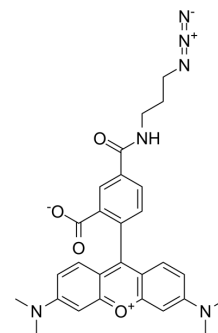


TAMRA azide, 5-isomer

Cat. No.:	HY-151857
CAS No.:	825651-66-9
Molecular Formula:	C ₂₈ H ₂₈ N ₆ O ₄
Molecular Weight:	512.56
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (243.87 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9510 mL	9.7550 mL	19.5099 mL
	5 mM	0.3902 mL	1.9510 mL	3.9020 mL
	10 mM	0.1951 mL	0.9755 mL	1.9510 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

TAMRA azide, 5-isomer is a click chemical containing azide groups that can be used as a linker for the orange dye TAMRA. The azide group of TAMRA Azide, 5-isomer enables copper-catalyzed click chemical reactions with alkynes, DBCO, and BCN [1][2].

REFERENCES

- [1]. Willnow S, et al. A selenium-based click AdoMet analogue for versatile substrate labeling with wild-type protein methyltransferases. *Chembiochem*. 2012 May 29;13(8):1167-73.
- [2]. Jiang X, et al. Recent applications of click chemistry in drug discovery. *Expert Opin Drug Discov*. 2019 Aug;14(8):779-789.

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

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