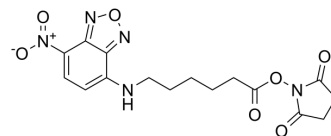


NBD-X, SE

Cat. No.:	HY-134566
CAS No.:	145195-58-0
Molecular Formula:	C ₁₆ H ₁₇ N ₅ O ₇
Molecular Weight:	391.34
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 : 25 mg/mL (63.88 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5553 mL	12.7766 mL	25.5532 mL
	5 mM	0.5111 mL	2.5553 mL	5.1106 mL
	10 mM	0.2555 mL	1.2777 mL	2.5553 mL

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

BIOLOGICAL ACTIVITY

Description

NBD-X, SE, the acceptor fluorophore, can be used to create environment sensitive bioconjugates^[1].

REFERENCES

[1]. A Karlström, et al. Dual labeling of a binding protein allows for specific fluorescence detection of native protein. Anal Biochem. 2001 Aug 1;295(1):22-30.

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

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