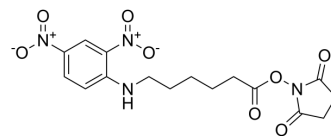


DNP-X, SE

Cat. No.:	HY-D1050
CAS No.:	82321-04-8
Molecular Formula:	C ₁₆ H ₁₈ N ₄ O ₈
Molecular Weight:	394.34
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 : 50 mg/mL (126.79 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5359 mL	12.6794 mL	25.3588 mL
	5 mM	0.5072 mL	2.5359 mL	5.0718 mL
	10 mM	0.2536 mL	1.2679 mL	2.5359 mL

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

BIOLOGICAL ACTIVITY

Description

DNP-X, SE (6-(2,4-Dinitrophenyl)aminohexanoic acid, succinimidyl ester), the DNP-X acid modified by succinimidyl ester, is an amine-reactive building block for developing a probe, which can be recognized by anti-DNP antibodies. DNP-X, SE (6-(2,4-Dinitrophenyl)aminohexanoic acid, succinimidyl ester) is also an excellent amine-reactive FRET quencher paired with Trp or Tyr.

CUSTOMER VALIDATION

- Theranostics. 2020 Jul 11;10(20):8939-8956.

See more customer validations on www.MedChemExpress.com

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

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