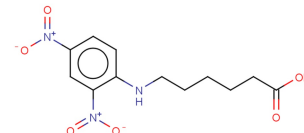


## DNP-X acid

## Chemical Properties

CAS No.:	10466-72-5
Formula:	C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	297.26
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	DNP-X acid is an amine-reactive building block and can be recognized by anti-DNP antibodies. It is also an excellent amine-reactive FRET quencher paired with Trp or Tyr.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 45 mg/mL (151.38 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.364 mL	16.820 mL	33.641 mL
5 mM	0.673 mL	3.364 mL	6.728 mL
10 mM	0.336 mL	1.682 mL	3.364 mL
50 mM	0.067 mL	0.336 mL	0.673 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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