
Product Data Sheet

Product Name: DNP-X acid

Cat. No.: GC35889

Chemical Properties

Cas. No. 10466-72-5

SMILES O=C(O)CCCCNC1=CC=C([N+])([O-])=O)C=C1[N+](O-)=OFormula $C_{12}H_{15}N_3O_6$ M.Wt 297.26Solubility DMSO : ≥ 20.83 mg/mL (70.07 mM) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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

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

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