
Product Data Sheet

Product Name: DNP-X, SE

Cat. No.: GC35890

Chemical Properties

Cas. No. 82321-04-8

SMILES O=C(ON1C(CCC1=O)=O)CCCCNC2=CC=C([N+])([O-])=O)C=C2[N+](O-)=OFormula $C_{16}H_{18}N_4O_8$ M.Wt 394.34

Solubility DMSO : 50 mg/mL (126.79 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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, 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.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA