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Product Information Sheet

Ordering Information

Product Number: 2020

Product Name: DNP-X acid [6-(2,4-Dinitrophenyl)aminohexanoic acid]

Unit Size: 100 mg

Storage Conditions: <-15 °C and kept from light and moisture

Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 297.26

Chemical Structure:

$$\begin{array}{c} \operatorname{NO}_2 \\ \operatorname{NH}(\operatorname{CH}_2)_5 \operatorname{CO}_2 \operatorname{H} \\ \\ \operatorname{O}_2 \operatorname{N} \end{array}$$

Soluble in: DMSO
Excitation Wavelength: 350 nm
Emission Wavelength: NA

Application Notes

An amine-reactive building block for developing a probe that can be recognized by anti-DNP antibodies; Also an excellent amine-reactive FRET quencher paired with Trp or Tyr.