

Catalog # 10-1155

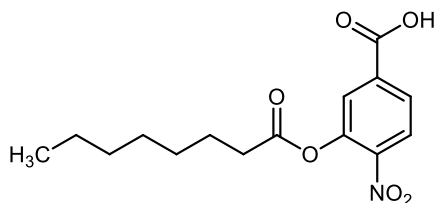
NOBA

CAS# 55894-52-5

NOB

4-Nitro-3-(octanoyloxy)benzoic acid

Lot # X109041



Chromogenic substrate for phospholipases such as PLA2. Read absorbance at 425 nm.

- 1) Cho & Kezdy (1991), *Chromogenic Substrates and assay of phospholipases A2*; *Methods Enzymol.*, **197** 75
- 2) Petrovic *et al.* (2001), *A simple assay for a human serum phospholipase A2 that is associated with high density lipoproteins*; *J. Lipid Res.*, **42** 1706
- 3) Bonfim *et al.* (2008), *Structural and functional characterization of myotoxin, Cr-IV 1, a phospholipase A2 D49 from the venom of the snake Calloselasma rhodostoma*; *Biologicals*, **36** 168

PHYSICAL DATA

Molecular Weight:	309.32
Molecular Formula:	C ₁₅ H ₁₉ NO ₆
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml) or Ethanol (up to 25 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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