

**Nitro-PAPS****Product Code:** 35251**CAS:** 143205-66-7

---

**SKU:** 35251**Category:** [Chromogens](#)**PRODUCT DESCRIPTION****SPECIFICATIONS****CAS 143205-66-7**

Name: 2-(5-Nitro-2-pyridylazo)-5-(N-propyl-3-sulfopropylamino)  
phenol disodium salt , dihydrate

Molecular weight: 503.45

Molecular formula:  $C_{17}H_{19}N_5Na_2O_6S \cdot 2H_2O$

Appearance: Dark green or dark green brown powder

Purity: > 90%

Molar absorptivity: > 50 000 (450 nm)

Absorbance: < 0.06 (566 nm) (9.9 x 10<sup>-6</sup> M in buffer)

Water content: < 10%

Solubility: 5 mg/10 ml water

Storage: 2 - 8 °C. Keep tightly closed. Protect from metal.

Stability: At least one year at 2 - 8 °C.