**Product name**: pNA (p-nitroaniline), Solvatochromic dye

**Description**: Solvatochromic dye

**Purity**: > 99%

**General notes**: This product is manufactured by BioVision, an Abcam company and was previously called 1078 pNA (p-nitroaniline). 1078-100 is the same size as the 100 mg size of ab145588.

**CAS Number**: 100-01-6

**Chemical structure**:

![Chemical structure of 4-Nitroaniline](image)

**Chemical name**: 4-Nitroaniline

**Molecular weight**: 138.12

**Molecular formula**: C₆H₆N₂O₂

**PubChem identifier**: 7475

**Storage instructions**: Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

**Solubility overview**: Soluble in ethanol to 100 mM and in DMSO

**Handling**: Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

**Toxic**: Refer to SDS for further information.

**FAQ page**: Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

**SMILES**: C1=CC(=CC=C1N)[N+]([O-])=O

**Source**: Synthetic
Images

2D chemical structure image of ab145588, pNA (p-nitroaniline), Solvatochromic dye

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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