

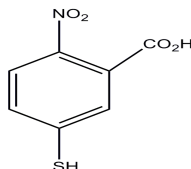
**Product: TNB**

ALTERNATE NAME: 2-Nitro-5-thiobenzoic acid

CATALOG #: 2482-50, 250, 1000

AMOUNT: 50 mg, 250 mg, 1 g

## STRUCTURE:

MOLECULAR FORMULA: C<sub>7</sub>H<sub>5</sub>NO<sub>4</sub>S

MOLECULAR WEIGHT: 199.18

CAS No. 15139-21-6

APPEARANCE: Yellow solid

SOLUBILITY: H<sub>2</sub>O or PBS

PURITY: &gt;98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: TNB is a useful standard when using DTNB (Ellman's reagent) for the quantification of thiol (-SH) groups in a sample.

REFERENCES: Sedlak, J., and Lindsay, R.H. (1968). *Anal. Biochem.* **25**, 192-205; Ellman, G.L. (1959). *Arch. Biochem. & Biophys.* **82**, 70-77.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Glutathione Colorimetric Assay Kit (Cat. No. K261-100)

Oxidized Glutathione (Cat. No. 1241-1)

Reduced Glutathione (Cat. No. 1242-1)