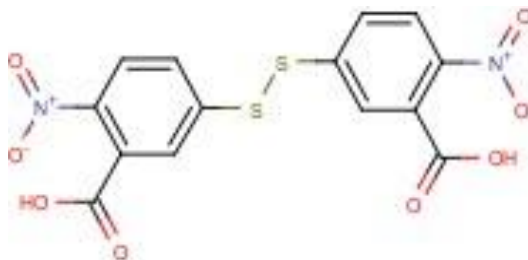


## 5,5'-Dithiobis(2-nitrobenzoic acid) [69-78-3]

#Cat: NB-42-01172-1g	Size: 1g
#Cat: NB-42-01172-5g	Size: 5g
#Cat: NB-42-01172-25g	Size: 25g



### Product Information

<b>Chemical Name:</b>	5,5'-Dithiobis(2-nitrobenzoic acid)
<b>Synonyms:</b>	(3-Carboxy-4-nitrophenyl)disulphide, DTNB, Ellman's reagent

### 1. PHYSICAL AND CHEMICAL PROPERTIES

<b>Batch Molecular Formula:</b>	C <sub>14</sub> H <sub>8</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
<b>Batch Molecular Weight:</b>	396.35
<b>CAS No.:</b>	[69-78-3]
<b>Physical Appearance:</b>	Light yellow to yellow powder
<b>Melting Point:</b>	233-243 °C
<b>Storage:</b>	RT, OK to freeze, desiccated, protect from light
<b>MDL Number:</b>	MFCD00007140

### Solvent and solubility

Ethanol: 8 mg/mL

### Biological activity

**Sulfhydryl reagent used to characterize reacting SH groups. Useful in photometric determination of thiols. Used for measurement of sulphhydryl content in peptides, proteins and tissue**

**NB-42-01172** 5,5'-Dithiobis(2-nitrobenzoic acid)

### Analytical data

Water content:	0.93% (KF)
Purity by HPLC:	99.11%

- CAUTION - Not fully tested. For Research use only. Not for human use. -