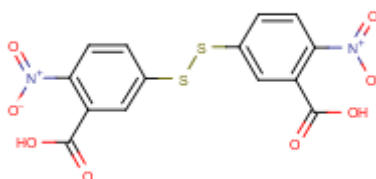


5,5'-Dithiobis(2-nitrobenzoic acid)

Cat # NB-42-01172-1g size: 1g

Cat # NB-42-01172-5g size: 5g

Cat # NB-42-01172-25g size: 25g



Product Information

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

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₄H₈N₂O₈S₂
Batch Molecular Weight: 396.35
CAS No.: [69-78-3]
Physical Appearance: Light yellow to yellow powder
Melting Point: 233-243 °C
Storage: RT, OK to freeze, desiccated, protect from light
MDL Number: 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

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

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

Analytical data

Water content: 0.93% (KF)

Purity by HPLC: 99.11%

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