



32363

5,5'-Dithiobis(2-Nitro Benzoic Acid) extrapure (DTNB), 98%

Part B

CAS : 69-78-3

Molecular Formula : C₁₄H₈N₂O₈S₂

Molecular Weight : 396.35

Specifications

Appearance (Colour)	Yellow
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 5% solution in Methanol	Clear
Solubility (Colour) 5% solution in methanol	Yellow
Assay	min. 98 %
Melting Point	239 - 241°C
Sulphated Ash	max. 0.1 %

Other Information

Application

Ellman's Reagent or DTNB, this was originally developed for use as a sulfhydryl reagent. It can be used to quantitate thiols in proteins, cells and plasma by absorption measurements. It readily forms a mixed disulfide with thiols, liberating the chromophore 5-merapto-2-nitrobenzoic acid (absorption maximum 410nm). Only protein thiols that are accessible to this water-soluble reagent are modified.

General Information

Storage	0 to 4°C (Freeze)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Gms	29309099 (GST 18%)
10 Gms	29309099 (GST 18%)
25 Gms	29309099 (GST 18%)
5 Gms	29309099 (GST 18%)
Type of Packing	
1 Gms	Glass Bottle
10 Gms	Glass Bottle

5 Gms

Glass Bottle

Available Packages

1 Gms

5 Gms

25 Gms

100 Gms

Disclaimer

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