

5,5 ' -Dithio bis-(2-nitrobenzoic acid)


98%

CAS Number [69-78-3](#) | Brand: Aladdin

Item/SKU-Pack: [D105559](#)

5,5 ' -Dithio bis-(2-nitrobenzoic acid)

Safe Information

Symbol	 GHS07
Hazard Statements	H315,H319,H335
Precautionary Statements	P261,P305+P351+P338
RTECS	DG9650000
WGK Germany	3

Properties

Name	5,5 ' -Dithio bis-(2-nitrobenzoic acid)
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Synonyms	3-Carboxy-4-nitrophenyl disulfide; 6,6'-Dinitro-3,3'-dithiodibenzoic acid; Bis(3-carboxy-4-nitrophenyl) disulfide;DTNB; Ellman's Reagent; DTNB Ellman's Reagent
synonyms	3-Carboxy-4-nitrophenyl disulfide; 6,6'-Dinitro-3,3'-dithiodibenzoic acid; Bis(3-carboxy-4-nitrophenyl) disulfide;DTNB; Ellman's Reagent; DTNB Ellman's Reagent
CAS Number	69-78-3
Code Formula	C ₁₄ H ₈ N ₂ O ₈ S ₂

Molecular weight	396.35
PubChem CID	6254
MDL number	MFCD00007140
Beilstein	1896821
EC Number	200-714-4
Reaxys-RN	1896821
Merck Index	3551
Specifications & Purity	98%
Application	A sensitive reagent for measuring the free sulfhydryl content in proteins, peptides, and tissues.
Melt Point	240-245°C
Sensitivity	Heat Sensitive
Solubility	Soluble in 100% ethanol, dioxane, and Phosphate buffer.
Storage Temp	Store at 2-8°C, Desiccated
Shipped in	Wet ice
Density	1.6412
Brand	Aladdin