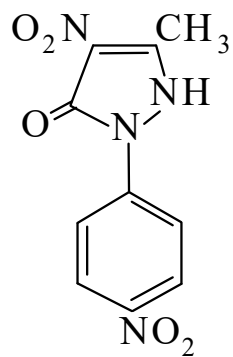




>>Entry Name: Picrolonic acid

Synonym(s): 2,4-Dihydro-5-methyl-4-nitro-2-(2-nitrophenyl)-3H-pyrazol-3-one, 9Cl. 3-Methyl-4-nitro-1-(4-nitrophenyl)-5-pyrazolone



CAS Registry Number: 550-74-3

Molecular Formula: C₁₀H₈N₄O₅

Molecular Weight: 264.197

Accurate Mass: 264.049471

Percentage Composition: C 45.46%; H 3.05%; N 21.21%; O 30.28%

Use/Importance: Forms crystalline addn. compds. with org. bases, used to characterise alkaloids etc. Used as aq. soln. of Li salt for indirect photometric detn. of Ca

Physical Description: Yellow leaflets

Melting Point: Mp 116-117°

Hazard & Toxicity: Mutagenic props.

Aldrich: 13151-2

Fluka: 80460

Rare Chemicals Library: S43982-7

Sigma: P5628

References:

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