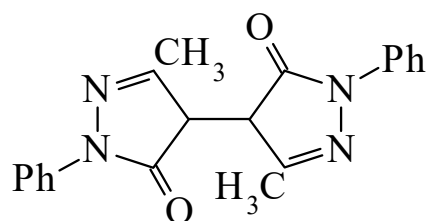




>>Entry Name: 3,3'-Dimethyl-1,1'-diphenyl-[4,4'-bi-2-pyrazoline]-5,5'-dione, 8Cl

Synonym(s): Bispyrazolone



CAS Registry Number: 7477-67-0

Type of Compound Code(s): PM6070 PA2550 PA0900 PS8300

Molecular Formula: C₂₀H₁₈N₄O₂

Molecular Weight: 346.388

Accurate Mass: 346.142976

Percentage Composition: C 69.35%; H 5.24%; N 16.17%; O 9.24%

Use/Importance: Used as a 0.3% soln. in 0.5M Na₂CO₃ for photometric detn. of NH₃, CN⁽⁻⁾

Physical Description: Cryst. (EtOH)

Solubility: Sol. EtOH, Me₂CO; sl. sol. H₂O

Fluka: 15156

Sigma: B7138

References:

Epstein, J., *Anal. Chem.*, 1947, **19**, 272, (detn, CN⁽⁻⁾)

Procházková, L. *et al.*, *Anal. Chem.*, 1964, **36**, 865