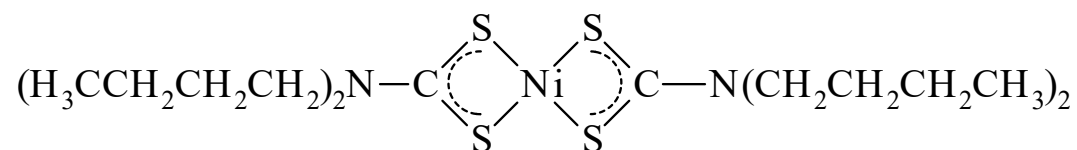




>>Entry Name: Bis(*N,N*-dibutyldithiocarbamato)nickel(II)

Synonym(s): Bis(dibutylcarbamodithioato-*S,S'*)nickel, 11Cl



CAS Registry Number: 13927-77-0

Molecular Formula: C₁₈H₃₆N₂NiS₄

Molecular Weight: 467.45

Accurate Mass: 466.111474

Percentage Composition: C 46.25%; H 7.76%; N 5.99%; Ni 12.56%; S 27.44%

General Statement: Square planar monomer; constrast struct. of Bis(*N,N*-dibutylthiocarbamato)nickel(II) [JQV48-V](#)

Use/Importance: Antioxidant and antiozonant for dyes

Physical Description: Green cryst. (C₆H₆/EtOH)

Melting Point: Mp 91°

Solubility: Sol. C₆H₆, Me₂CO

Other Data: Diamagnetic

References:

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