

Product Data Sheet

Product Name: N-Acetyl Acetamide

Cat. No.: GF06049

Chemical Properties

Cas. No. 625-77-4

Formula $C_4H_7NO_2$

M.Wt 101.1

Solubility

Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Diacetamide is shown to form a variety of new compounds with a general formula $[M(C_4H_7O_2N)_3]$

Caution: Product has not been fully validated for medical applications. For research use only.

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(ClO₄)₂, where M = Mn(II), Fe(II), Co(II), Ni(II), or Zn(II). Diacetamide ligands can be used in uranium extraction from wastewater. Diacetamide can be used for amidase synthesis^{[1][2][3]}.

References:

[1]. Charles S. Kraihanzel and Stanley C. Grenda, Acyclic Imides as Ligands. I. Diacetamide Complexes of Manganese(II), Iron(II), Cobalt(II), Nickel(II), Copper(II), and Zinc (II) Perchlorates. Inorg. Chem. 1965, 4, 7, 1037–1042.

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