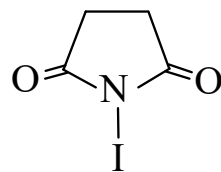




>>Entry Name: **N-Iodosuccinimide**, 8Cl

Synonym(s): 1-Iodo-2,5-pyrrolidinedione, 9Cl. Succiniodimide. NIS



CAS Registry Number: 516-12-1

Molecular Formula: C₄H₄INO₂

Molecular Weight: 224.986

Accurate Mass: 224.928677

Percentage Composition: C 21.35%; H 1.79%; I 56.41%; N 6.23%; O 14.22%

Use/Importance: Mild efficient iodination reagent. Also provides a method of mild selective thioketal cleavage and effects cyclisations

Physical Description: Needles (dioxan/CCl₄)

Solubility: Sol. MeOH, Me₂CO; mod. sol. dioxan; prac. insol. Et₂O, CCl₄

Hazard & Toxicity: Irritant

Aldrich: 22005-1

Fluka: 58070

Rare Chemicals Library: S55178-3

Sigma: I8125

References:

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