



CAS Registry Number: 19098-48-7

Physical Description: Leaflets (EtOH)

Melting Point: Mp 156° (175°)

>>**Derivative:** 2,4-Dinitrophenylhydrazone

Physical Description: Light brown cryst.

Melting Point: Mp 192.5-194.5 dec.°

>>**Derivative:** *N*-Ac

CAS Registry Number: 122-85-0

Molecular Formula: C₉H₉NO₂

Molecular Weight: 163.176

Accurate Mass: 163.063329

Percentage Composition: C 66.25%; H 5.56%; N 8.58%; O 19.61%

Physical Description: Needles

Melting Point: Mp 155°

Aldrich: A180-0

>>**Derivative:** *N*-Ac, thiosemicarbazone

Synonym(s): Thiacetazone, BAN. Thioacetazone, INN. Thioparamizone. Amithiozone. TBI/698. Thiosemicarbazone. Thibone

CAS Registry Number: 104-06-3

Molecular Formula: C₁₀H₁₂N₄OS

Molecular Weight: 236.297

Accurate Mass: 236.073181

Percentage Composition: C 50.83%; H 5.12%; N 23.71%; O 6.77%; S 13.57%

Use/Importance: Antibacterial agent used in treatment of tuberculosis and leprosy. Reagent for spectrophotometric anal. of corticosteroids

Calculated Log P Data: Log P 0.88 (calc)

Hazard & Toxicity: Adverse effects incl. gastrointestinal disturbances, hypersensitivity reactions, other skin effects and hepatotoxicity. LD₅₀ (mus, orl) 950 mg/kg

Rare Chemicals Library: S53649-0

Sigma: T8900