

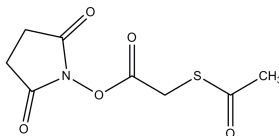
PRODUCT: SATA

ALTERNATE NAME: N-Succinimidyl-S-acetylthioacetate; Ethanethioic acid S-[2-[(2,5-dioxo-1-pyrrolidinyl)oxy]-2-oxoethyl] ester

CATALOG #: 2363-100, 250, 1000

AMOUNT: 100 mg, 250 mg, 1 g

STRUCTURE:



MOLECULAR FORMULA: C₈H₉NO₅S

MOLECULAR WEIGHT: 231.23

CAS NUMBER: 76931-93-6

APPEARANCE: White solid

SOLUBILITY: Acetonitrile (50 mg/ml) or DMSO (1 mg/ml)

PURITY: ≥94% by GC

STORAGE: At -20° C. Protect from air and moisture

DESCRIPTION: A protein modification reagent used to convert primary amine groups into protected sulfhydryls (-SH). The sulfhydryl is readily made available for use in subsequent reactions by treatment with hydroxylamine. After the simple deprotection step is performed to create the thioacetylated peptide, the free sulfhydryl containing peptide can subsequently be conjugated to make a hapten-carrier conjugate.

REFERENCE: Duncan, R.J.S., *et al.* (1983). *Anal. Biochem.* **132**, 68-73.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

N-Hydroxysuccinimide (Cat. No. 2331-5G, 25G)
Sulfo-SMCC (**Cat. No. 2320-50, 100, 1000, 1 EA**)
Sulfo-NHS (**Cat. No. 2321-500, 5G, 1 EA**)
Sulfo-NHS-Biotin (**Cat. No. 2322-50, 250, 1 EA**)
Sulfo-SANPAH (**Cat. No. 2324-50, 250**)
Sulfo-LC-SPDP (**Cat. No. 2325-50, 250**)
Sulfo-NHS-LC-Biotin (**Cat. No. 2326-50, 250, 1EA**)
BS3 Crosslinker (**Cat. No. 2327-50, 250, 1000, 1 EA**)
SPDP Crosslinker (**Cat. No. 2328-50, 250**)
Biotin-HPDP (**Cat. No. 2329-50, 250**)
Traut's Reagent (**Cat. No. 2330-50, 250**)
DTSSP Crosslinker (**Cat. No. 2337-50, 250**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**