



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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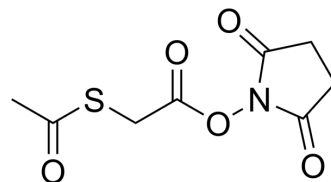
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## N-Succinimidyl-S-acetylthioacetate

<b>Cat. No.:</b>	HY-135233
<b>CAS No.:</b>	76931-93-6
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>9</sub> NO <sub>5</sub> S
<b>Molecular Weight:</b>	231.23
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, stored under nitrogen * The compound is unstable in solutions, freshly prepared is recommended.



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (432.47 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	4.3247 mL	21.6235 mL	43.2470 mL
		5 mM	0.8649 mL	4.3247 mL	8.6494 mL
	10 mM	0.4325 mL	2.1623 mL	4.3247 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.81 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.81 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.81 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	N-Succinimidyl S-acetylthioacetate (SATA), a protein modification agent, introduces thiol-groups into protein molecules. N-Succinimidyl S-acetylthioacetate adds sulfhydryl groups to proteins and other amine-containing molecules in a protected form <sup>[1][2]</sup> .
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### REFERENCES

[1]. J.L.M.Heeremans, et al. Interference of α-amino-caproic acid with [N-succinimidyl S-acetylthioacetate derived] thiol-introduction into glu-plasminogen. Volume 8, Supplement 2, 1994, Pages 138-141.

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

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