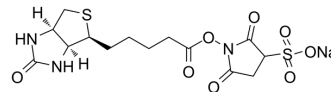


## Sulfo-NHS-Biotin sodium

<b>Cat. No.:</b>	HY-136964
<b>CAS No.:</b>	194041-65-1
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>18</sub> N <sub>3</sub> NaO <sub>8</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	443.43
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 250 mg/mL (563.79 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	2.2551 mL	11.2757 mL	22.5515 mL
		5 mM	0.4510 mL	2.2551 mL	4.5103 mL
	10 mM	0.2255 mL	1.1276 mL	2.2551 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: ≥ 2.08 mg/mL (4.69 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.69 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.69 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Sulfo-NHS-Biotin (sodium) strongly label single SDS-2ME soluble cuticular protein <sup>[1]</sup> .
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### REFERENCES

[1]. Hill DE, et al. Biotin as a probe of the surface of *Ascaris suum* developmental stages. *Mol Biochem Parasitol.* 1990;41(1):45-52.

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

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