



NHS-Biotin

1. Product Description

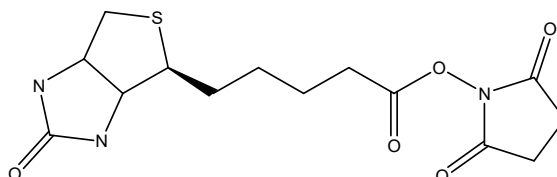
NHS-Biotin

CAS NO.: C₁₄H₁₉N₃O₅S

Molecular formula: C₁₀H₁₇N₃O₂S

Molecular weight: 341.38 g/mol

Chemical formula:



2. Buffer Preparation

Coupling/ Equilibrium Buffer: 1XPBS, pH7.4

DMSO

3. operation procedure

3.1 Antibody activation

- 1) Weigh 2 mg NHS-Biotin, add 590 µl DMSO, and mix well. It needs to be used now.
- 2) Dissolve the antibody that need to be activated in 1 ml 1XPBS, such as 2 mg/ml of antibody with 26.6µl dissolved activation reagent (can be appropriately increased or decreased according to the sample concentration), mix well, and incubate at room temperature for 30 min or 4°C for 2 h.

Note: During the coupling process, buffers containing amino groups, such as Tris, should not be used.

- 3) Remove the unreacted activation reagents by desalting column or dialysis.

3.2 Sample detection

The Biotin tag can be detected by ELISA or Western Blot.

4. Related Products

Product	Cat. No.	Size
NHS-Biotin	SLR00120	20 mg
	SLR00100	100 mg
	SLR00101	1 g
	SLR00102	10 g

