



## Product Information

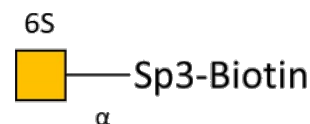
### 6-O-Sulfate-GalNAc- $\alpha$ -Sp3-Biotin

**Cat. No.:** X22-12-ZQ909

**Size:** 1 mg; 2 mg; 5 mg

**Synonym:** D-GalNAc-6-O-sulfate-Biotin; 6-suGalNAc-C3-biot

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

|                           |                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Molecular Weight</b>   | 719.8 Da                                                                                                                                                                                                                                                 |
| <b>Glycan Structure</b>   | 6-O-Sulfate-GalNAc                                                                                                                                                                                                                                       |
| <b>Glycan MW</b>          | 358.4 Da                                                                                                                                                                                                                                                 |
| <b>Type</b>               | Monomeric                                                                                                                                                                                                                                                |
| <b>Label</b>              | Biotin                                                                                                                                                                                                                                                   |
| <b>Extent of Labeling</b> | 20 mol% Biotin                                                                                                                                                                                                                                           |
| <b>Spacer</b>             | Sp3 (OCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> NH)                                                                                                                                                                                                |
| <b>Form</b>               | Lyophilized powder                                                                                                                                                                                                                                       |
| <b>Purity</b>             | >95%, determined by <sup>1</sup> H NMR.                                                                                                                                                                                                                  |
| <b>Applications</b>       | 6-O-Sulfate-GalNAc- $\alpha$ -Sp3-Biotin, a biotinylated glycan, is a useful tool for studying protein-carbohydrate interactions. This product can be used in microarrays, surface plasmon resonance (SPR), avidin beads, and glycol surface structures. |
| <b>Storage</b>            | Store at -20°C.                                                                                                                                                                                                                                          |

#### Safety Information

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>Personal Protective Equipment</b> | Gloves, eyeshields, N95 mask |
| <b>WGK Germany</b>                   | WGK 3                        |