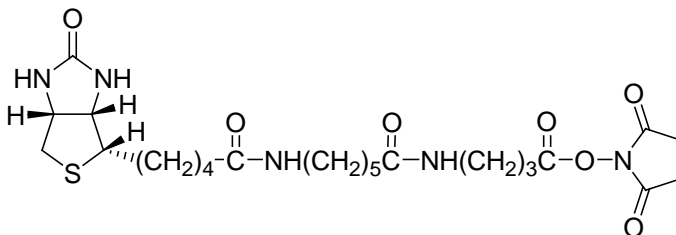


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** **Biotin-12 SE** (4-(((6-((biotinoyl)amino)hexanoyl)amino)butyric acid succinimidyl ester)

**CATALOG #:** **90083**

**MOLECULAR INFORMATION:** C<sub>24</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub>S  
MW: 539.64

**PROPERTIES:**

**Color & Form** White solid  
**Purity** ≥ 95% by TLC  
**Solubility** Soluble in DMSO or DMF

**STORAGE AND HANDLING:** Store desiccated at -20 °C.

**APPLICATION:** Biotin-12 SE is an amine-reactive biotin derivative with a long spacer group. This product can be conjugated to AA-dUTP or AA-UTP to make biotin-16-dUTP or biotin-16-UTP, two important products used in genomic studies.

**TOXICITY:** Unknown.

**FIRST AID:** Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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