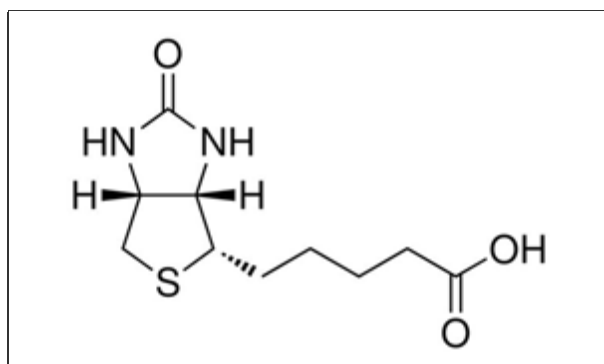


## D-BIOTIN For Biochemistry

Store at 2-8°C

Vitamin H, Vitamin B7

|                          |                                                                 |                         |                  |
|--------------------------|-----------------------------------------------------------------|-------------------------|------------------|
| <b>Article No.</b>       | 01960                                                           | <b>Grade</b>            | For Biochemistry |
| <b>Purity</b>            | 97%                                                             | <b>CAS No.</b>          | 58-85-5          |
| <b>Molecular Formula</b> | C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S | <b>Molecular Weight</b> | 244.31           |
| <b>H.S. Code</b>         | 2936.2950                                                       | <b>Shelf Life</b>       | 60 Months        |



### Physical Properties

|                                           |              |                                       |                           |
|-------------------------------------------|--------------|---------------------------------------|---------------------------|
| <b>Physical state at 20 °C</b>            | Solid        | <b>Colour</b>                         | White crystalline         |
| <b>Melting point/ Freezing point [°C]</b> | 231 - 233 °C | <b>Solubility in water [% weight]</b> | Slightly soluble in water |

### Specifications

|                                                       |                          |
|-------------------------------------------------------|--------------------------|
| <b>Appearance</b>                                     | White crystalline powder |
| <b>Assay</b>                                          | 97-100.5%                |
| <b>Specific optical rotation ([α]<sub>20/D</sub>)</b> | +89 to +93 deg           |

### Packings

|               |       |
|---------------|-------|
| <b>100 mg</b> | 0100M |
| <b>1 g</b>    | 00001 |
| <b>10 g</b>   | 00010 |

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