

## PRODUCT SPECIFICATION SHEET

### Product Details:

**Name of material** 3-Ketohexanoyl Coenzyme A, Sodium salt

**Product ID / SKU** A-83

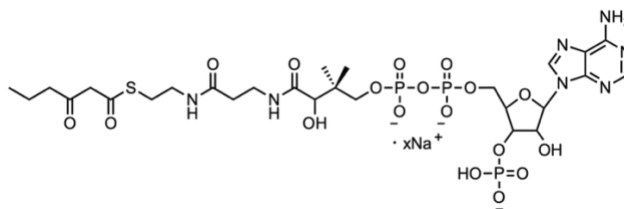
**Purity** ≥ 95.0%  
(HPLC, 259 nm)

**Origin** Synthetic

**CAS No.** N/A

**Molecular Formula** C<sub>27</sub>H<sub>41</sub>N<sub>7</sub>O<sub>18</sub>P<sub>3</sub>S · xNa

**Molecular Weight** 879.66 g/mol (free acid basis)



### Chemical & Physical Properties:

**Appearance** White to slightly yellow

**Consistency** Powder to crystalline powder

**Solubility** Soluble in water

### Storage Conditions:

**Long-term storage** Store at -20°C in the original tightly closed container, protected from air, light, and humidity.

**Short-term exposure tolerance** The product may withstand temporary temperature excursions up to room temperature for up to 5 days during transport in a special outer package, if the provided packaging remains sealed and protected from direct sunlight and humidity.

### Recommended Shelf Life:

The product has a shelf life of 6 months when stored under the recommended long-term storage conditions. A 3-month quality verification (re-test) is conducted to confirm continued compliance with specifications.

### Analysis

### Action Limit

|                 |  |          |
|-----------------|--|----------|
| <b>Purity</b>   | HPLC (259 nm)                          | ≥ 95.0%  |
| <b>Identity</b> | NMR ( <sup>1</sup> H, <sup>31</sup> P) | Conforms |