

## PRODUCT SPECIFICATION SHEET

### Product Details:

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

**Product ID / SKU** A-81

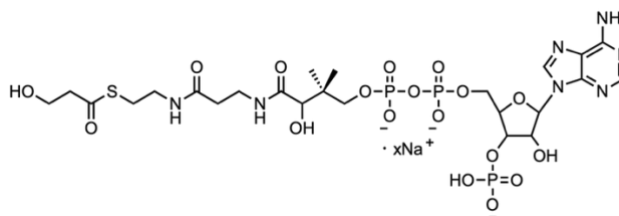
**Purity**  $\geq 95.0\%$   
(HPLC, 259 nm)

**Origin** Synthetic

**CAS No.** N/A

**Molecular Formula**  $C_{24}H_{37}N_7O_{18}P_3S \cdot xNa$

**Molecular Weight** 839.60 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  $-20^{\circ}C$  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)	$\geq 95.0\%$
<b>Identity</b>	NMR ( $^1H$ , $^{31}P$ )	Conforms