

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material Crotonyl Coenzyme A, Sodium salt

Product ID / SKU A-77

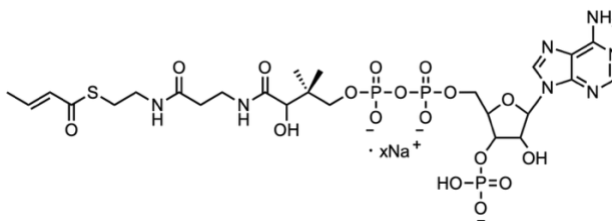
Purity ≥ 95.0%
(HPLC, 259 nm)

Origin Synthetic

CAS No. N/A

Molecular Formula C₂₅H₃₇N₇O₁₇P₃S · xNa

Molecular Weight 835.61 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

| | | |
|-----------------|--|----------|
| Purity | HPLC (259 nm) | ≥ 95.0% |
| Identity | NMR (¹ H, ³¹ P) | Conforms |