

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material Butyryl Coenzyme A, Sodium salt

Product ID / SKU A-10

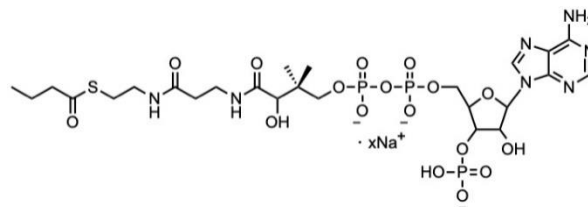
Purity $\geq 95.0\%$
(HPLC, 259 nm)

Origin Synthetic

CAS No. 125527-24-4

Molecular Formula $C_{25}H_{39}N_7O_{17}P_3S \cdot xNa$

Molecular Weight 837.16 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:

6 months after production, in unopened original packaging maintained under recommended storage conditions. A 3-month quality verification (re-test) is conducted to confirm continued compliance with specifications.

Analysis

Action Limit

Purity	HPLC (259 nm)	$\geq 95.0\%$
Identity	NMR (^1H , ^{31}P)	Conforms