

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material Benzoyl Coenzyme A, Lithium salt

Product ID / SKU A-54

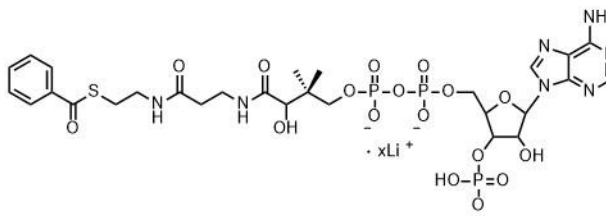
Purity ≥ 95.0%
(HPLC, 259 nm)

Origin Synthetic

CAS No. 102185-37-5

Molecular Formula C₂₈H₃₇N₇O₁₇P₃S · xLi

Molecular Weight 871.64 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:

24 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) ≥ 95.0%

Identity NMR (¹H, ³¹P) Conforms