

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material Methylmalonyl Coenzyme A, Free Acid

Product ID / SKU A-41

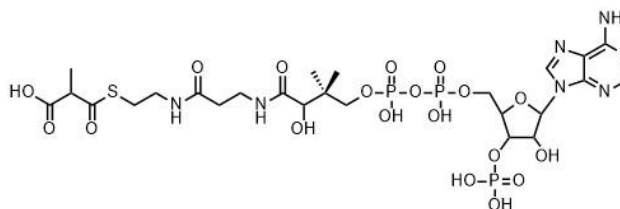
Purity ≥ 95.0%
(HPLC, 259 nm)

Origin Synthetic

CAS No. 1264-45-5

Molecular Formula C₂₅H₄₀N₇O₁₉P₃S

Molecular Weight 867.61 g/mol



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 (¹ H, ³¹ P)	Conforms