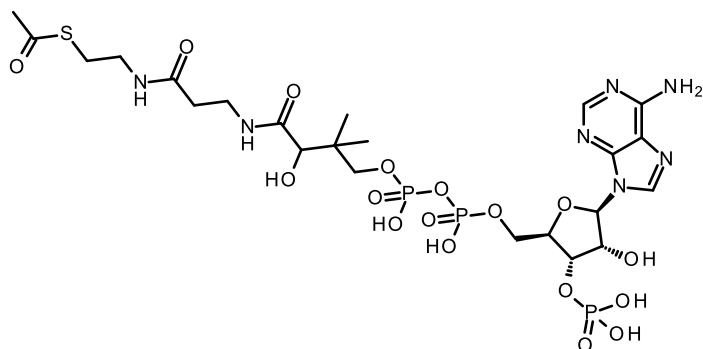


Catalog Number: **RCTT1760**



809.57 g/mol  
C<sub>23</sub>H<sub>38</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S

## [H-3] Acetyl Coenzyme A

**CAS-Number:** 72-89-9

**Description:** Central metabolic intermediate which participates in the TCA cycle and oxidative phosphorylation metabolism. Key precursor of lipid synthesis and regulates cellular mechanisms by serving as acetyl group donor to amino acids in post-translational acetylations of proteins.



**Packing/Concentration:** 0.1 mCi/ml (3.7 MBq/ml) in 0.01 M sodium acetate, pH 5.0. Shipped at on dry ice.

**Radiochemical Purity:** The radiochemical purity after purification was determined to be > 97%.

**Specific Activity Range:** 5-25 Ci/mmol (185-925 GBq/mmol)

**Stability/Storage:** The initial rate of degradation of this compound, stored as received, at temperatures below -60 °C in the dark, is currently under investigation. The decomposition of the compound is not linear or related to isotope half-life. Deviations of different lots may occur.

**Lot specific information:**

Lot Number:	10611
Specific activity:	22.3 Ci/mmol 825 GBq/mmol
Purification Date:	08.10.2024
Day of Analysis:	08.10.2024

**Note:** The compound was isolated from the HPLC eluent under neutral conditions by solid phase extraction. The mass spectrum is consistent with the proposed structure and a non-labeled reference; the HPLC retention time is consistent with a non-labeled reference. Actual position of labels not verified. For research and development use only, not for use in humans.