

## **Product** Data Sheet

## Butyryl-Coenzyme A trisodium

Cat. No.: HY-141479A

Molecular Formula: C<sub>25</sub>H<sub>39</sub>N<sub>7</sub>Na<sub>3</sub>O<sub>17</sub>P<sub>3</sub>S

Molecular Weight: 903.57

Target: Others

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

H.N H.O - FOH H.O - FOH H. H. H. H. S. T. S. T.

## **BIOLOGICAL ACTIVITY**

**Description** Butyryl-Coenzyme A (trisodium) can synthesize Butyric acid (HY-B0350) or Butyrate<sup>[1][2]</sup>.

## **REFERENCES**

[1]. Trachsel J, et al. Function and Phylogeny of Bacterial Butyryl Coenzyme A:Acetate Transferases and Their Diversity in the Proximal Colon of Swine. Appl Environ Microbiol. 2016 Oct 27;82(22):6788-6798.

[2]. Yang Q, et al. Butyryl/Caproyl-CoA:Acetate CoA-transferase: cloning, expression and characterization of the key enzyme involved in medium-chain fatty acid biosynthesis. Biosci Rep. 2021 Aug 27;41(8):BSR20211135.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

Inhibitors