

# **Screening Libraries**

**Proteins** 

# **Certificate of Analysis**

# Benzoyl coenzyme A (trilithium)

Cat. No.: HY-134129A CAS No.: 102185-37-5 Batch No.: 331308

**Chemical Name:** Coenzyme A, S-benzoate, trilithium salt

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{28}H_{37}Li_3N_7O_{17}P_3S$ 

889.44 Molecular Weight:

Storage: -20°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

 $\underset{H_{2}N}{\underset{N \leftarrow N}{\overset{N}{\longrightarrow}}} \underset{H_{2}}{\overset{O \circ g \cap OH}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{OH}{\circ}}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O} \circ g \cap OH} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O \circ g \cap OH}{\overset{O} \circ g \cap OH}}} \circ \underset{g \rightarrow 0}{\overset{O \circ g \cap OH}{\overset{O \circ$ 

# **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥94.0% Water: 4.7% Lithium (anhydrous): 2.1% Phosphorus (anhydrous): 10.8%

Conclusion: The product has been tested and complies with the given specifications.

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