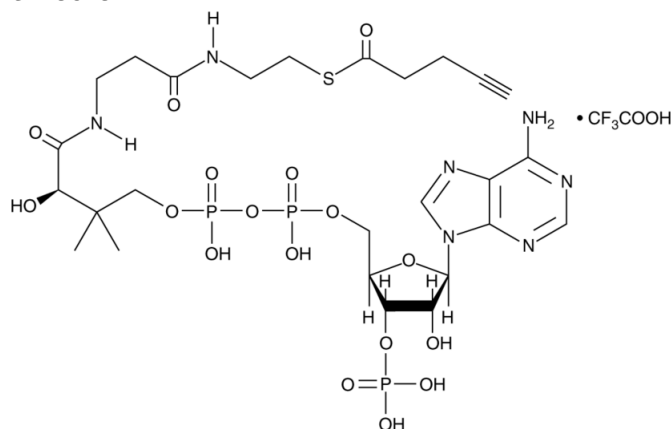


4-pentynoyl-Coenzyme A (trifluoroacetate salt) 07/19

ALTERNATE NAMES: Click Tag™ 4-pentynoyl-CoA; S-4-pentynoate coenzyme A, trifluoroacetate salt

CATALOG #: B2838-500 500 µg
B2838-1000 1000 µg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₄₀N₇O₁₇P₃S•CF₃COOH

MOLECULAR WEIGHT: 961.6

CAS NUMBER: n/a

FORMULATION: A lyophilized powder

PURITY: ≥95%

SOLUBILITY: ~10 mg/ml in Water

DESCRIPTION: 4-pentynoyl-Coenzyme A (trifluoroacetate salt) is an alkyne-derivatized acetyl-CoA reporter. It is metabolically transferred onto lysine residues of proteins by lysine acetyltransferases. It enables rapid detection and identification of acetylated proteins *in vitro* and in mammalian cells through Cu(I)-catalyzed azide-alkyne cycloaddition.

STORAGE TEMPERATURE: -20°C

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCE: Yang, Y.Y., Ascano, J.M., and Hang, H.C. Bioorthogonal chemical reporters for monitoring protein acetylation. *Journal of the American Chemical Society* 132, 3640-3641 (2010).

RELATED PRODUCTS:

BODIPY-Acetylene Reagent (Cat. No. 2594)
 BIX 01294 (Cat. No. 1678)
 WM-1119 (Cat. No. B2418)
 3-Deazaneplanocin A hydrochloride (2444)
 5-Ethynyl-2'-deoxyuridine (Cat. No. 9565)

DISCLAIMER: **FOR RESEARCH USE ONLY! Not to be used on humans.**