

Specification

Coenzyme A free acid *BioChemica*

A0812

Physical Description:	Solid
Product Code:	A0812
Product Name:	Coenzyme A free acid <i>BioChemica</i>
Short Description:	additional product description: lyophilized
Specifications:	Assay (enzym.): min. 75 %
WGK:	1
Storage:	-20°C
Shipment:	wet ice
Molecular Formula:	$C_{21}H_{36}N_7O_{16}P_3S$
M:	767.54 g/mol
CAS:	85-61-0
EINECS:	201-619-0
CS:	29349990
Comment Coenzym A can bind acetate (Acetyl-CoA) or other carboxylic acids in an energy-rich binding. It is cofactor of many enzyme-catalysed acetylations, e. g. in the citrate cycle (Krebs cycle). For improving the sensitivity of the luciferase assay, it is added to the assay buffer at a concentration of 270 µM (2).	
Bibliography (1)Chibata, I. <i>et al.</i> (1974) <i>Methods Enzymol.</i> 34 , 267-271 Immobilized Coenzym A for affinity chromatography of enzymes. (2)Langer, M. <i>et al.</i> (1996) <i>Anal. Biochem.</i> 243 , 150-153A non-radioactive assay for ribosome-inactivating proteins.	

AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340