Creative Enzymes®

UDP-N-acetyl-D-glucosamine disodium salt

Cat. No. COEC-015

Lot. No. (See product label)

Introduction

Description	UDP-N-acetyl-D-glucosamine disodium salt is a donor substrate for O-GlcNAc transferase (N-acetylglucosaminyltransferases). The compound is useful in the synthesis of aryl azide derivatives that can be employed in the affinity labeling of glycosyltransferase and UDP-HexNAc pyrophosphorylase.
Applications	A donor substrate for O-GlcNAc transferase
Synonyms	UDP-N-acetylglucosamine, UDP-GlcNAc, UDPAG

Product Information

Appearance	Crystalline powder
Form	Solid
CAS No.	91183-98-1
Molecular Formula	C17H25N3O17P2•2Na
Molecular Weight	651.32
Solubility	Soluble in water (50 mg/ml).
Refractive Index	1.55 (Predicted)
Density	~1.3 g/cm3 (Predicted)