

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)