


FT-GDA620



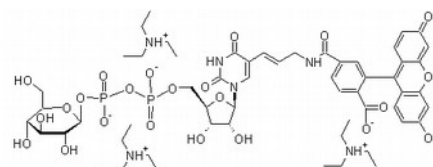
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Glucose-UDP-Fluorescein Conjugate

Product Description

Name :	Glucose-UDP-Fluorescein Conjugate
Catalog Number :	SYTOX™ Green Nucleic Acid Stain FP-GDA620, 100 µg
Absorption / Emission:	$\lambda_{exc} \lambda_{em} \text{ (DNA)} = 490/514 \text{ nm}$
Molecular Weight :	1283.25
Soluble in :	Water
Storage:	-20°C Protect from light and moisture



Introduction

Uridine-5'-diphospho-1-alpha-D-glucose (UDP-Glc) is a key intermediate in carbohydrate metabolism. UDP-Glc serves as a precursor of glycogen, can be metabolized into UDP-galactose and UDP-glucuronic acid which can then be incorporated into polysaccharides as galactose and glucuronic acid. UDP-Glc serves as a precursor of sucrose lipopolysaccharides and glycosphingolipids. UDP-Glc is a common substrate used by glucosyltransferases, including certain bacterial toxins such as Toxins A and B from *Clostridium difficile*. Fluorescent analogs of UDP-Glc might be used for studying glucosyltransferases and clostridial toxins. This fluorescein UDP-Glc derivative has the spectral properties identical to those of FITC conjugates.

Legals & Disclaimer

This product is sold for Research & Development in vitro use only.

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>. Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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