

MUGS

Cat. No. CSUB-0875

Lot. No. (See product label)

Introduction

Description

MUGS is a fluorogenic substrate used in the diagnosis of GM2 gangliosidoses in leukocytes. Genetic defects in human b-hexosaminidase isozymes (Hex A & Hex B) result in various clinical and biochemical types of GM2 gangliosidosis (eg. Tay Sachs disease).

Applications

Fluorogenic substrate used for the diagnosis of GM2 gangliosidoses in leukocytes

Synonyms

7-[[2-(Acetylamino)-2-deoxy-6-O-sulfo- β -D-glucopyranosyl]oxy]-4-methyl-2H-1-benzopyran-2-one Monopotassium Salt

Product Information

Form

Solid

CAS No.

210357-38-3

Molecular Formula

C₁₈H₂₀KNO₁₁S

Molecular Weight

497.51

Melting Point

190-193°C (lit.)(dec.)

Solubility

Water

Storage and Shipping Information

Storage

Store at -20° C