

Benzyl-2-acetamido-2-deoxy- α -D-galactopyranoside

Cat. No. CSUB-0760

Lot. No. (See product label)

Introduction

Description

Benzyl-2-acetamido-2-deoxy- α -D-galactopyranoside is used as an inhibitor of O-linked glycosylation in a variety of cell lines. Benzyl-2-acetamido-2-deoxy- α -D-galactopyranoside also inhibits 2,3(O)-sialyltransferase and disrupts glycoprotein targeting in HT-29 cells. Substrate for N-acetyl- β -D-glucosaminyltransferase. Benzyl-2-acetamido-2-deoxy- α -D-galactopyranoside is an inhibitor of O-GlcNAc transferase.

Applications

An inhibitor of O-linked glycosylation in a variety of cell lines

Synonyms

Benzyl N-acetyl- α -D-galactosaminide

Product Information

Form

Solid

CAS No.

3554-93-6

Molecular Formula

C₁₅H₂₁NO₆

Molecular Weight

311.33

Purity

>98%

Melting Point

204-208° C

Solubility

Soluble in DMSO, Hot ethanol, water (partly miscible), and methanol.

Substrates

Phosphatase

Storage and Shipping Information

Storage

Store at -20° C