
Product Data Sheet

Product Name: 3-Acetylbulliferol β -D-Glucopyranoside

Cat. No.: GC66863

Chemical Properties

Cas. No. 20943-16-2

Formula $C_{17}H_{18}O_9$ M.Wt 366.32

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

3-Acetylbulliferol β -D-Glucopyranoside is a fluorogenic substrate for β -glucosidase and can be used as a positive control substrates for β -D-glucosidase^[1].

[1]. Knoblauch M, et al. Multispectral phloem-mobile probes: properties and applications. Plant Physiol. 2015 Apr;167(4):1211-20.

[2]. Sherman W R, et al. Some 7-(β -D-glucopyranosyloxy)coumarins for use as fluorogenic substrates[J]. Carbohydrate Research, 1968, 7(2):184-192.

[3]. Joo-Youn Cho, et al. Metabolomics reveals a novel vitamin E metabolite and attenuated vitamin E metabolism upon PXR activation. J Lipid Res. 2009 May;50(5):924-37.

Caution: Product has not been fully validated for medical applications. For research use only.

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