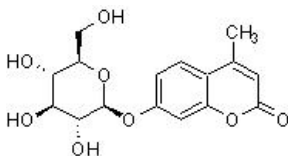


Product datasheet

MU-GLU, Fluorogenic beta-glucosidase substrate ab146358

1 Image

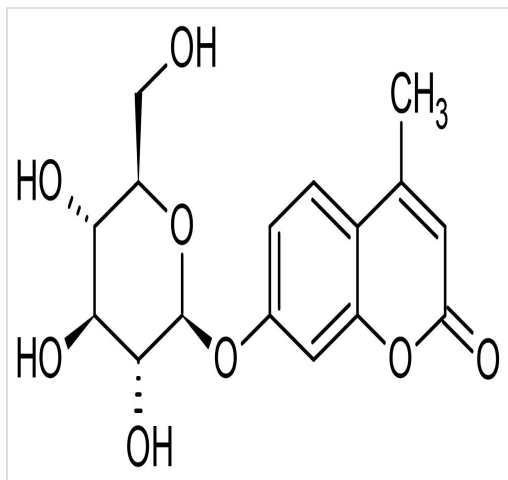
Overview

Product name	MU-GLU, Fluorogenic beta-glucosidase substrate
Description	Fluorogenic beta-glucosidase substrate.
Biological description	Fluorogenic substrate of β -glucosidase and β -glucocerebrosidase (also known as glucosylceramidase). Used for characterizing novel β -glucosidases. Also used in assays to evaluate deficiency in β -glucocerebrosidase activity related to Gaucher disease. Hydrolysis releases the fluorescent product 4-MU.
CAS Number	18997-57-4
Chemical structure	<p>Fluorescence: λ_{ex} 365 nm; λ_{em} 445 nm in 0.1 M sodium acetate pH 5.0 (after cleavage by β-glucosidase).</p> 

Properties

Excitation	365nm
Emission	445nm
Molecular weight	338.32
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

Images



Chemical Structure - MU-GLU, Fluorogenic beta-glucosidase substrate (ab146358)

2D chemical structure image of ab146358, MU-GLU, Fluorogenic beta-glucosidase substrate

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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