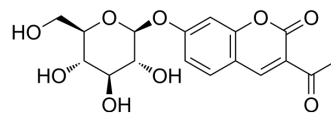


## 3-Acetylbulliferol β-D-Glucopyranoside

Cat. No.:	HY-W357142
CAS No.:	20943-16-2
Molecular Formula:	C <sub>17</sub> H <sub>18</sub> O <sub>9</sub>
Molecular Weight:	366.32
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

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<sup>[1]</sup>.

### REFERENCES

- [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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