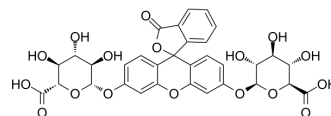


Fluorescein Di-β-D-Glucuronide

Cat. No.:	HY-D1460
CAS No.:	134869-04-8
Molecular Formula:	C ₃₂ H ₂₈ O ₁₇
Molecular Weight:	684.55
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fluorescein Di-β-D-Glucuronide, a fluorescent probe, can be utilized to non-invasively image the intestinal bacterial β-glucuronidase activity in nude mice. Fluorescein Di-β-D-Glucuronide-based imaging reveals the in vitro and in vivo activity of intestinal bacterial β-glucuronidase, which would facilitate pharmacodynamic studies of specific bacterial β-glucuronidase inhibitors in animal studies^[1].

REFERENCES

[1]. Michael Chen, et al. Real-time imaging of intestinal bacterial β-glucuronidase activity by hydrolysis of a fluorescent probe. Sci Rep. 2017 Jun 9;7(1):3142.

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

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