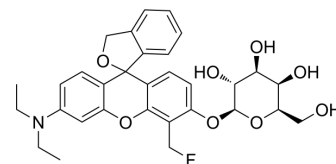


SPiDER-βGal-1

Cat. No.:	HY-D1878
CAS No.:	1824699-57-1
Molecular Formula:	C ₃₁ H ₃₄ FNO ₈
Molecular Weight:	567.6
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SPiDER-βGal-1 is a potent probe for β-galactosidase activity and suitable for labeling live cells in culture ^{[1][2]} .
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REFERENCES

- [1]. Doura T, et al. Detection of LacZ-Positive Cells in Living Tissue with Single-Cell Resolution. *Angew Chem Int Ed Engl.* 2016 Aug 8;55(33):9620-4.
- [2]. Nakamura Y, et al. A topically-sprayable, activatable fluorescent and retaining probe, SPiDER-βGal for detecting cancer: Advantages of anchoring to cellular proteins after activation. *Oncotarget.* 2017 Jun 13;8(24):39512-39521.

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

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