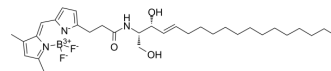


## BDP FL ceramide

Cat. No.:	HY-D2255
CAS No.:	2730893-01-1
Molecular Formula:	C <sub>32</sub> H <sub>50</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	573.57
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

BDP FL ceramide, a highly fluorescent lipid, is a conjugate of green-emitting BDP FL fluorophore with sphingosine. BDP FL ceramide can be used for the visualization of the Golgi apparatus via fluorescence microscopy. The excitation wavelength is 503 nm and the emission wavelength is 509 nm<sup>[1]</sup>.

### REFERENCES

[1]. Rudd AK, et al. A Small Molecule Fluorogenic Probe for the Detection of Sphingosine in Living Cells. *J Am Chem Soc.* 2020 Oct 21;142(42):17887-17891.

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

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