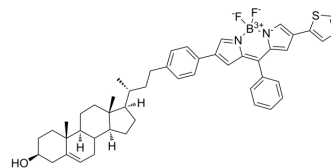


## BODIPY-cholesterol conjugate-3

Cat. No.:	HY-D2263
CAS No.:	1638745-27-3
Molecular Formula:	C <sub>48</sub> H <sub>53</sub> BF <sub>2</sub> N <sub>2</sub> OS
Molecular Weight:	754.82
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

BODIPY-cholesterol conjugate-3 (compound 7) is a cholesterol analogue with a fluorescent BODIPY group. BODIPY-cholesterol conjugate-3 can be used to simultaneously visualize multiple cholesterol pools in cells, as it is primarily localized to the plasma membrane<sup>[1]</sup>.

### REFERENCES

[1]. Liu Z, et al. Synthesis of cholesterol analogues bearing BODIPY fluorophores by Suzuki or Liebeskind-Srogl cross-coupling and evaluation of their potential for visualization of cholesterol pools. *ChemBiochem*. 2014 Sep 22;15(14):2087-96.

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

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