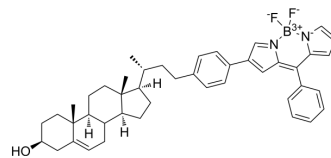


BODIPY-cholesterol conjugate-1

Cat. No.:	HY-D2261
CAS No.:	1638745-25-1
Molecular Formula:	C ₄₄ H ₅₁ BF ₂ N ₂ O
Molecular Weight:	672.7
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-1 (compound 5) is a BODIPY-cholesterol conjugate. BODIPY-cholesterol conjugate-1 is a useful probe for simultaneous visualization of intracellular cholesterol pools and for monitoring cholesterol efflux from cells to extracellular acceptors^[1]. (λ_{ex} 541 nm, λ_{em} 615 nm).

REFERENCES

[1]. Zheng Liu, 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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