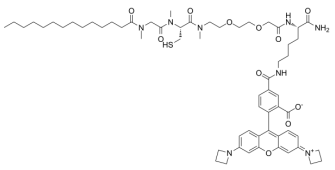
mgc(3Me)JF549

Cat. No.:	HY-D2304
Molecular Formula:	$C_{61}H_{86}N_8O_{11}S$
Molecular Weight:	1139.45
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	mgc(3Me)JF549 is a Golgi probe with Ex of 561 nm[1].
In Vitro	Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs). 1: mgc(3Me)JF549 is dissolved in DMSO to obtain a ~3-30 mM stock solutions and further diluted before use; 2: Cells are incubated with 30 μM solution mgc(3Me)JF549 in the dark for 10 min at RT. The cells are washed twice with 1 mL of DMEM(−) containing 3 mg/mL of BSA, and the medium was changed to fresh DMEM(−); 3: The cells are then observed by confocal fluorescence imaging (Ex = 561 nm, red). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shunsuke Sawada, et al. Palmitoylation-Dependent Small-Molecule Fluorescent Probes for Live-Cell Golgi Imaging. ACS Chem Biol. 2023 May 19;18(5):1047-1053.

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