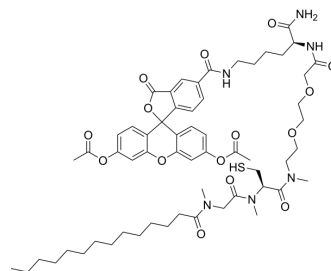


mgc(3Me)FDA

Cat. No.:	HY-D2300
CAS No.:	2763442-01-7
Molecular Formula:	C ₅₉ H ₈₀ N ₆ O ₁₅ S
Molecular Weight:	1145.36
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	mgc(3Me)FDA is fluorescein diacetate (FDA) modified with a cell-permeable myrGC ^{3Me} motif. mgc(3Me)FDA can enter cells and be converted into fluorescently active mgc(3Me)FL (HY-D2301) within the cells. mgc(3Me)FDA is subcellularly localized in the Golgi apparatus and is a visualized Golgi probe ^[1] .
In Vitro	<p>After mgc(3Me)FDA (10 μM; 10 min) treats HeLa cells, it can co-localize with the Golgi apparatus around the nucleus and display green fluorescence^[1].</p> <p>mgc(3Me)FDA (2.5 μM; 30-270 min) In HeLa living cells induced by Brefeldin A (HY-16592), dynamic changes in morphology during Golgi cleavage can be visualized^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

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

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