

C12FDGlcU

Chemical Properties

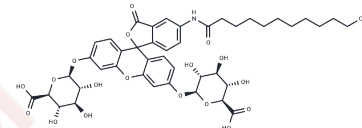
CAS No. : 423762-14-5

Formula: C44H51NO18

Molecular Weight: 881.87

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	C12FDGlcU, a lipophilic analog of fluorescein di-β-D-glucuronic acid, is valuable for detecting β-glucuronidase (GUS) gene expression. This compound penetrates cells and is subsequently cleaved by β-glucuronidase, releasing a yellow-colored, green-fluorescent fluorescein (Abs/Em of the reaction product: 495/518 nm) [1] [2].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.134 mL	5.6698 mL	11.3395 mL
5 mM	0.2268 mL	1.134 mL	2.2679 mL
10 mM	0.1134 mL	0.567 mL	1.134 mL
50 mM	0.0227 mL	0.1134 mL	0.2268 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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