

2-Naphthalenecarboxylic acid, 4-(D-glucopyranosyloxy)-1-hydroxy-3-(3-hydroxy-3-methylbutyl)-, methyl ester

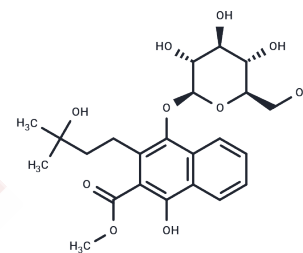
Chemical Properties

CAS No. : 125906-48-1

Formula: C₂₃H₃₀O₁₀

Molecular Weight: 466.48

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	2-Naphthalenecarboxylic acid, 4-(D-glucopyranosyloxy)-1-hydroxy-3-(3-hydroxy-3-methylbutyl)-, methyl ester (compound 3) is a naturally occurring substance found in the dried roots of <i>Rubia cordifolia</i> .*
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1437 mL	10.7186 mL	21.4371 mL
5 mM	0.4287 mL	2.1437 mL	4.2874 mL
10 mM	0.2144 mL	1.0719 mL	2.1437 mL
50 mM	0.0429 mL	0.2144 mL	0.4287 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.

Reference

Hideji Itokawa, et al. Anthraquinones and naphthohydroquinones from *Rubia cordifolia*. *Phytochemistry*, 1989. 28 (12), 3465-3468.

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