

rac-Hesperetin-13C-D3

Chemical Properties

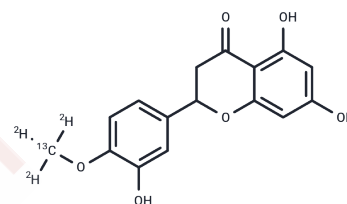
CAS No. :

Formula: 13CC15D3H11O6

Molecular Weight: 306.29

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	rac-Hesperetin-13C-D3 the 13C and deuterated compound of rac-Hesperetin (T12667). rac-Hesperetin has a CAS number of 69097-99-0. (Rac)-Hesperetin is the racemate form of of Hesperetin. Hesperetin is a natural flavanone compound, and it exhibits potent inhibitory effects against human UGT activity, making it a broad-spectrum inhibitor. Furthermore, Hesperetin induces apoptosis through the activation of p38 MAPK.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2649 mL	16.3244 mL	32.6488 mL
5 mM	0.653 mL	3.2649 mL	6.5298 mL
10 mM	0.3265 mL	1.6324 mL	3.2649 mL
50 mM	0.0653 mL	0.3265 mL	0.653 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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