

Apigenin-D4

Chemical Properties

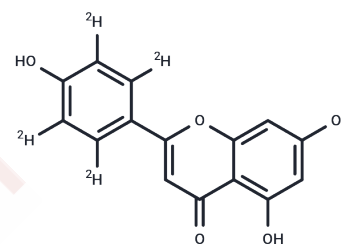
CAS No. :

Formula: C₁₅H₆D₄O₅

Molecular Weight: 274.26

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

Apigenin-D4 is a deuterated compound of Apigenin. Apigenin (T2175) has a CAS number of 520-36-5. Chamomile is an aromatic oil extracted from the flowers or leaves of the daisy-like plants. Extracts, oils and teas made from chamomile are used for its soothing qualities as a sedative, mild analgesic and sleep medication. Chamomile has not been implicated in causing serum enzyme elevations or clinically apparent liver injury.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6462 mL	18.2309 mL	36.4618 mL
5 mM	0.7292 mL	3.6462 mL	7.2924 mL
10 mM	0.3646 mL	1.8231 mL	3.6462 mL
50 mM	0.0729 mL	0.3646 mL	0.7292 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

1. Lin JK, et al. J Cell Biochem Suppl, 1997, 28-29, 39-48.

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