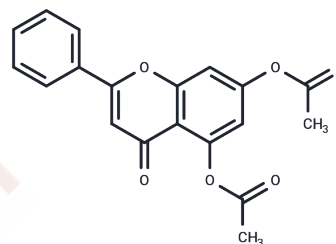


5,7-Diacetoxyflavone

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 6665-78-7 |
| Formula: | C ₁₉ H ₁₄ O ₆ |
| Molecular Weight: | 338.31 |
| 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 | 5,7-Diacetoxyflavone is a flavonoid discovered in Dolichandrone falcata, with anti-cancer activity, and its IC ₅₀ values for SGC-7901 and HT-29 cells are 4.5 μM and 2.6 μM respectively. |
| Targets(IC ₅₀) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9559 mL | 14.7793 mL | 29.5587 mL |
| 5 mM | 0.5912 mL | 2.9559 mL | 5.9117 mL |
| 10 mM | 0.2956 mL | 1.4779 mL | 2.9559 mL |
| 50 mM | 0.0591 mL | 0.2956 mL | 0.5912 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

Kincl FA. Chrysin, the sapogenin of Dolichandrone falcata Seem. Naturwissenschaften. 1955;42(24):646-646.
Zheng X, Meng WD, Xu YY, Cao JG, Qing FL. Synthesis and anticancer effect of chrysin derivatives. Bioorg Med Chem Lett. 2003;13(5):881-884.

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