

(RS)-Sakuranetin

Chemical Properties

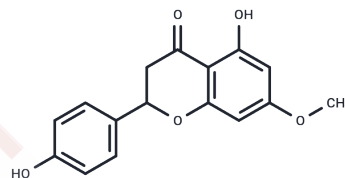
CAS No. : 520-29-6

Formula: C₁₆H₁₄O₅

Molecular Weight: 286.28

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	(RS)-Sakuranetin is the racemic form of Sakuranetin, exhibiting μ M-level antagonism toward adenosine receptors and inhibitory effects on KB and P-388 cells.
Targets(IC50)	Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4931 mL	17.4654 mL	34.9308 mL
5 mM	0.6986 mL	3.4931 mL	6.9862 mL
10 mM	0.3493 mL	1.7465 mL	3.4931 mL
50 mM	0.0699 mL	0.3493 mL	0.6986 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

Bittencourt-Mernak MI, et al. Prophylactic and therapeutic treatment with the flavonone sakuranetin ameliorates LPS-induced acute lung injury. Am J Physiol Lung Cell Mol Physiol. 2017 Feb 1;312(2):L217-L230.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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