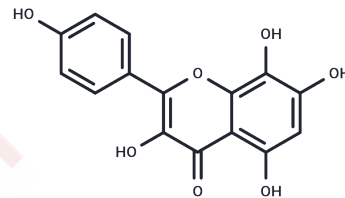


Herbacetin

Chemical Properties

CAS No. :	527-95-7
Formula:	C ₁₅ H ₁₀ O ₇
Molecular Weight:	302.24
Appearance:	no data available
Storage:	store at low temperature,keep away from direct sunlight,keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Herbacetin induces apoptosis in HepG2 cells, by ROS and PI3K/Akt pathway. 2. Herbacetin suppresses the HGF-induced motility of human breast cancer MDA-MB-231 cells by inhibiting c-Met and Akt phosphorylation.
Targets(IC50)	Akt,c-Met/HGFR

Solubility Information

Solubility	DMSO: 55 mg/mL (181.97 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3086 mL	16.5431 mL	33.0863 mL
5 mM	0.6617 mL	3.3086 mL	6.6173 mL
10 mM	0.3309 mL	1.6543 mL	3.3086 mL
50 mM	0.0662 mL	0.3309 mL	0.6617 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.

Reference

Li L , Sapkota M , Kim S W , et al. Herbacetin inhibits inducible nitric oxide synthase via JNK and nuclear factor-κB in LPS-stimulated RAW264.7 cells[J]. European Journal of Pharmacology, 2015, 765:EJP42292.

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