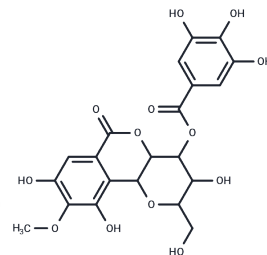


4-O-Galloylbergenin

Chemical Properties

CAS No. :	82958-45-0
Formula:	C ₂₁ H ₂₀ O ₁₃
Molecular Weight:	480.378
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	4-O-Galloylbergenin shows significant 2,2-diphenyl-1-picrylhydrazyl (DPPH) free-radical scavenging activity with EC ₅₀ 7.8 μM, it shows more antioxidant activity than the positive control vitamin C (EC ₅₀ = 28.3 μM).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0817 mL	10.4084 mL	20.8169 mL
5 mM	0.4163 mL	2.0817 mL	4.1634 mL
10 mM	0.2082 mL	1.0408 mL	2.0817 mL
50 mM	0.0416 mL	0.2082 mL	0.4163 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481