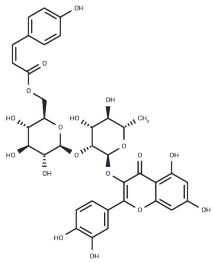
Data Sheet (Cat.No.TN8784)

TargetMol

Heteroside A

Chemical Properties



CAS No. : 891194-26-6

Formula: C36H36O18

Molecular Weight: 756.66

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	Heteroside A is a natural flavonoid glycoside (specifically a quercetin derivative) found in various botanical species, notably Hedera helix (English ivy). Heteroside A is therefore used in phytochemical research systems to investigate flavonoid glycoside diversity and quercetin-derived metabolite distribution in plant species. Heteroside A is also applied in antioxidant-related biochemical screening workflows to evaluate flavonoid structure-activity relationships in plant metabolome studies.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3216 mL	6.608 mL	13.216 mL
5 mM	0.2643 mL	1.3216 mL	2.6432 mL
10 mM	0.1322 mL	0.6608 mL	1.3216 mL
50 mM	0.0264 mL	0.1322 mL	0.2643 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

Mulkens A, Kapetanidis I. Eugenylglucoside, a New Natural Phenylpropanoid Heteroside from Melissa officinalis. J Nat Prod. 1988 May 1;51(3):496-8. doi:10.1021/np50057a006

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