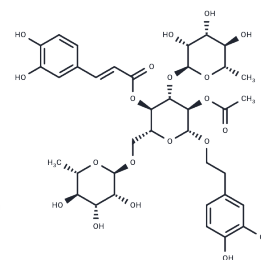


Brandioside

Chemical Properties

CAS No. :	133393-81-4
Formula:	C37H48O20
Molecular Weight:	812.77
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Brandioside (2'-Acetylpoliumoside), a phenylpropanoid glycoside obtainable from <i>Callicarpa dichotoma</i> Raeuschel, Verbenaceae, has antioxidant activity, attenuates glutamate-induced neurotoxicity, and can be used in the study of diabetes mellitus.
Targets(IC50)	Antioxidant
In vitro	Brandioside can inhibit the proliferation of A7r5 rat aortic smooth muscle cells in a concentration-dependent manner[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2304 mL	6.1518 mL	12.3036 mL
5 mM	0.2461 mL	1.2304 mL	2.4607 mL
10 mM	0.123 mL	0.6152 mL	1.2304 mL
50 mM	0.0246 mL	0.123 mL	0.2461 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

He ZD, et al. Purification of phenylethanoids from *Brandisia hancei* and the antiproliferative effects on aortic smooth muscle. *Planta Med.* 2001 Aug;67(6):520-2.

Z D He, et al. Brandioside, a phenylpropanoid glycoside from *Brandisia hancei*. *Phytochemistry.* 1991;30(2):701-2.

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