

## Caffeic acid 4-O-glucoside

## Chemical Properties

CAS No. : 166735-99-5

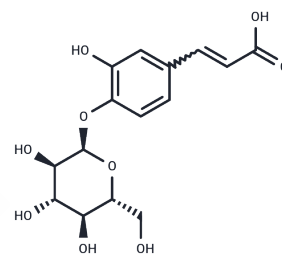
Formula: C<sub>15</sub>H<sub>18</sub>O<sub>9</sub>

Molecular Weight: 342.3

Storage: Keep away from direct sunlight, Keep away from moisture

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	Caffeic acid 4-O-glucoside (Linocaffein), a glycosylation product of Caffeic acid, reverses A $\beta$ 25-35-induced axonal atrophy and induces axonal regeneration in mouse cortical neurons, and can be used in Alzheimer's disease research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9214 mL	14.6071 mL	29.2141 mL
5 mM	0.5843 mL	2.9214 mL	5.8428 mL
10 mM	0.2921 mL	1.4607 mL	2.9214 mL
50 mM	0.0584 mL	0.2921 mL	0.5843 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

Regos I, Urbanella A, Treutter D. Identification and quantification of phenolic compounds from the forage legume sainfoin ( *Onobrychis viciifolia* ). J Agric Food Chem. 2009 Jul 8;57(13):5843-52.

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