

Cassiaside C2

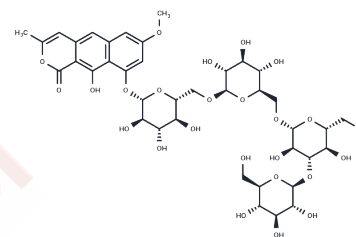
Chemical Properties

CAS No. : 1958039-40-1

Formula: C39H52O25

Molecular Weight: 920.82

Storage: Store at low temperature, Keep away from direct sunlight
 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	Cassiaside C2 is a naphthopyrone compound with potent antiallergic activity that inhibits histamine release from rat peritoneal exudate mast cells induced by antigen-antibody reactions.
Targets(IC50)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.086 mL	5.4299 mL	10.8599 mL
5 mM	0.2172 mL	1.086 mL	2.172 mL
10 mM	0.1086 mL	0.543 mL	1.086 mL
50 mM	0.0217 mL	0.1086 mL	0.2172 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

Kitanaka S, et al. Antiallergic agent from natural sources. Structures and inhibitory effect of histamine release of naphthopyrone glycosides from seeds of *Cassia obtusifolia* L. *Chem Pharm Bull (Tokyo)*. 1998 Oct;46(10):1650-2.
 Zhang Z, et al. Total synthesis of the antiallergic naphtho- α -pyrone tetraglycoside, cassiaside C(2), isolated from cassia seeds. *J Org Chem*. 2003 Aug 8;68(16):6309-13.

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