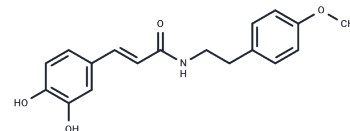


N-Caffeoyl O-methyltyramine

Chemical Properties

CAS No. :	189307-47-9
Formula:	C ₁₈ H ₁₉ NO ₄
Molecular Weight:	313.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-Caffeoyl O-methyltyramine is isolated from <i>Cuscuta reflexa</i> with strong inhibitory activity against α -glucosidase with IC ₅₀ of 103.58 μ M.
Targets(IC ₅₀)	Glucosidase

Solubility Information

Solubility	DMSO: 55 mg/ml (175.52 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1913 mL	15.9566 mL	31.9132 mL
5 mM	0.6383 mL	3.1913 mL	6.3826 mL
10 mM	0.3191 mL	1.5957 mL	3.1913 mL
50 mM	0.0638 mL	0.3191 mL	0.6383 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.

Reference

Anis E, et al. Alpha-glucosidase inhibitory constituents from *Cuscuta reflexa*. Chem Pharm Bull (Tokyo). 2002 Jan; 50(1):112-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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