

Myrciaphenone A

Chemical Properties

CAS No. :	26089-54-3
Formula:	C ₁₄ H ₁₈ O ₉
Molecular Weight:	330.29
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	Myrciaphenone A has been reported in Myrcia multiflora, Leontodon tuberosus, and Curcuma comosa. Myrciaphenone A is therefore used in phytochemical and natural product profiling systems to investigate distribution of phenolic metabolites across diverse plant species and to support structural annotation of plant-derived chemical libraries.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0276 mL	15.1382 mL	30.2764 mL
5 mM	0.6055 mL	3.0276 mL	6.0553 mL
10 mM	0.3028 mL	1.5138 mL	3.0276 mL
50 mM	0.0606 mL	0.3028 mL	0.6055 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

Yoshikawa M, Shimada H, Nishida N, Li Y, Toguchida I, Yamahara J, et al. Antidiabetic principles of natural medicines. II. Aldose reductase and alpha-glucosidase inhibitors from Brazilian natural medicine, the leaves of Myrcia multiflora DC. (Myrtaceae): structures of myrciacitrins I and II and myrciaphenones A and B. Chem Pharm Bull (Tokyo). 1998 Jan;46(1):113-9. doi:10.1248/cpb.46.113 PubMed PMID: 9468642.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481