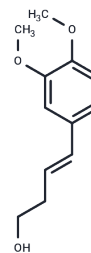


4-(3,4-Dimethoxyphenyl)-3-buten-1-ol

Chemical Properties

CAS No. :	69768-97-4
Formula:	C ₁₂ H ₁₆ O ₃
Molecular Weight:	208.25
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	(E)-4-(3,4-dimethoxyphenyl)but-3-en-1-ol may promote melanin synthesis via USF1 dependent fashion and could be used as a clinical therapeutic agent against hypopigmentation-associated diseases.
Targets(IC50)	ERK,p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8019 mL	24.0096 mL	48.0192 mL
5 mM	0.9604 mL	4.8019 mL	9.6038 mL
10 mM	0.4802 mL	2.401 mL	4.8019 mL
50 mM	0.096 mL	0.4802 mL	0.9604 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

Park J, et al. (E)-4-(3,4-Dimethoxyphenyl)but-3-en-1-ol Enhances Melanogenesis through Increasing Upstream Stimulating Factor-1-Mediated Tyrosinase Expression. PLoS One. 2015 Nov 4;10(11):e0141988.

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