

3-Hydroxy-4',5-dimethoxystilbene

Chemical Properties

CAS No. :	58436-29-6
Formula:	C16H16O3
Molecular Weight:	256.30
Storage:	Keep away from direct sunlight,Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	3-Hydroxy-4',5-dimethoxystilbene is a natural compound found in stem bark of <i>Morus nigra</i> L. 3-Hydroxy-4',5-dimethoxystilbene is therefore utilized in phytochemical and natural product profiling studies for structural characterization of stilbene derivatives in <i>Morus nigra</i> L. biosystems. 3-Hydroxy-4',5-dimethoxystilbene is also applied in biochemical screening workflows investigating stilbene scaffold diversity and plant secondary metabolite mapping.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9017 mL	19.5084 mL	39.0168 mL
5 mM	0.7803 mL	3.9017 mL	7.8034 mL
10 mM	0.3902 mL	1.9508 mL	3.9017 mL
50 mM	0.078 mL	0.3902 mL	0.7803 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

Abdel Bar FM, et al. Antiproliferative activity of stilbene derivatives and other constituents from the stem bark of *Morus nigra* L. *Nat Prod Res.* 2020;34(24):3506-3513.

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