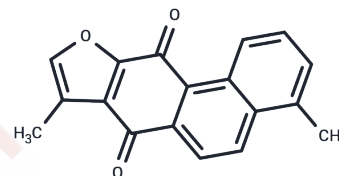


Isotanshinone I

Chemical Properties

CAS No. :	20958-17-2
Formula:	C ₁₈ H ₁₂ O ₃
Molecular Weight:	276.29
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	Isotanshinone I with IC ₅₀ s of 1.13 μM and 0.432 μM for α-glucosidase and AGE, respectively. Isotanshinone I has inhibitory activity against α-glucosidase and formation of AGE,
Targets(IC ₅₀)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6194 mL	18.0969 mL	36.1939 mL
5 mM	0.7239 mL	3.6194 mL	7.2388 mL
10 mM	0.3619 mL	1.8097 mL	3.6194 mL
50 mM	0.0724 mL	0.3619 mL	0.7239 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

Ma HY, et al. Constituents with α-glucosidase and advanced glycation end-product formation inhibitory activities from *Salvia miltiorrhiza* Bge. *J Nat Med*. 2011 Jan;65(1):37-42.

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