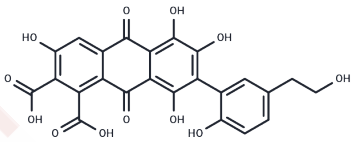
Data Sheet (Cat.No.T32521)

TargetMol

Laccaic acid B

Chemical Properties



CAS No. : 17249-00-2

Formula: C24H16O12

Molecular Weight: 496.38

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	Laccaic acid B is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0146 mL	10.0729 mL	20.1459 mL
5 mM	0.4029 mL	2.0146 mL	4.0292 mL
10 mM	0.2015 mL	1.0073 mL	2.0146 mL
50 mM	0.0403 mL	0.2015 mL	0.4029 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

Hirata K, Uematsu Y, Suzuki K, Iida K, Yasuda K, Saito K. [Analysis of main pigments and other ingredients in lac color product]. Shokuhin Eiseigaku Zasshi. 2001 Apr;42(2):109-13. Japanese. PubMed PMID: 11486376.

Hirata K, Uematsu Y, Suzuki K, Iida K, Kamata K. [Analysis of lac color in diets and feces of rats for toxicity studies]. Shokuhin Eiseigaku Zasshi. 2002 Apr;43(2):110-3. Japanese. PubMed PMID: 12092412.

Shamim G, Ranjan SK, Pandey DM, Sharma KK, Ramani R. Lac dye as a potential anti-neoplastic agent. J Cancer Res Ther. 2016 Apr-Jun;12(2):1033-5. doi: 10.4103/0973-1482.155975. PubMed PMID: 27461693.

Oka H, Ito Y, Yamada S, Kagami T, Hayakawa J, Harada K, Atsumi E, Suzuki M, Suzuki M, Odani H, Akahori S, Maeda K, Nakazawa H, Ito Y. Separation of lac dye components by high-speed counter-current chromatography. J Chromatogr A. 1998 Jul 10;813(1):71-7. PubMed PMID: 9697316.

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