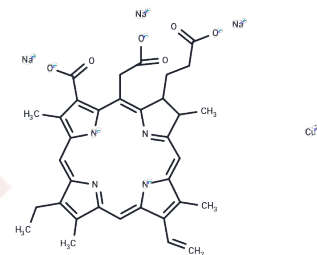


Chlorophyllin sodium copper salt

Chemical Properties

CAS No. :	11006-34-1
Formula:	C ₃₄ H ₃₁ CuN ₄ Na ₃ O ₆
Molecular Weight:	724.16
Storage:	Keep away from direct sunlight, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Chlorophyllin sodium copper salt (Chlorophyllin coppered trisodium salt) is a semi-synthetic mixture of water-soluble sodium copper salts derived from chlorophyll, primarily used as a food additive and alternative medicine.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 10 mM, Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3809 mL	6.9046 mL	13.8091 mL
5 mM	0.2762 mL	1.3809 mL	2.7618 mL
10 mM	0.1381 mL	0.6905 mL	1.3809 mL
50 mM	0.0276 mL	0.1381 mL	0.2762 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

- Castro DJ, et al. Carcinogenesis. 2009 Feb;30(2):315-20.
Li X, Bi L, Zhang S, et al. Single-Molecule Insight Into α -Synuclein Fibril Structure and Mechanics Modulated by Chemical Compounds. Advanced Science. 2416721

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