
Product Data Sheet

Product Name: Chlorophyllin sodium copper salt (Chlorophyllin copper sodium complex)

Cat. No.: GC30190

Chemical Properties

Cas. No. 11006-34-1

SMILES [O-]C(CC1=C(C(C([O-])=O)=C(C)C2=CC(C(CC)=C3C)=[N]4C3=CC5=C(C=C)C(C)=C6[N-]75)[N-]2[Cu+2]47[N](C8=C6)=C1C(C8C)CCC([O-])=O)=O.[Na+].[Na+].[Na+]

Formula C₃₄H₃₁CuN₄Na₃O₆ M.Wt 724.15

Solubility Water : ≥ 66.66 mg/mL (92.05 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Chlorophyllin, the sodium and copper salt of chlorophyll, is an antioxidant and antimutagenic agent.

Caution: Product has not been fully validated for medical applications. For research use only.

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