

Chrexanthomycin C

Chemical Properties

CAS No. :

Formula: C₃₁H₂₄O₁₅

Molecular Weight: 636.51

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	Chrexanthomycin C, an orally active marine-derived natural product, exhibits significant bioactivities and shows a binding affinity for DNA [(G4C2) ₄ G4] with a dissociation constant (K _d) of 2.8 mM. This compound holds potential for neurodegenerative disease research, including amyotrophic lateral sclerosis (ALS) [1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5711 mL	7.8553 mL	15.7107 mL
5 mM	0.3142 mL	1.5711 mL	3.1421 mL
10 mM	0.1571 mL	0.7855 mL	1.5711 mL
50 mM	0.0314 mL	0.1571 mL	0.3142 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.

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