

Dibenzo-24-crown-8-ether

Chemical Properties

CAS No. : 14174-09-5

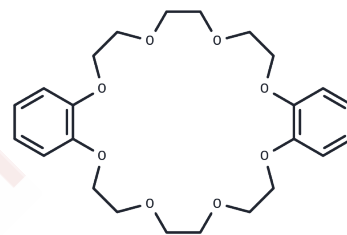
Formula: C₂₄H₃₂O₈

Molecular Weight: 448.5061

Storage: Keep away from direct sunlight, Store under nitrogen

Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dibenzo-24-crown-8-ether serves as a phase-transfer catalyst, facilitating the reduction of H ₂ PtCl ₆ ·6H ₂ O and FeCl ₂ ·4H ₂ O in a thermal system to synthesize 17 nm monodisperse iron-platinum (FePt) alloy nanoparticles.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2296 mL	11.148 mL	22.296 mL
5 mM	0.4459 mL	2.2296 mL	4.4592 mL
10 mM	0.223 mL	1.1148 mL	2.2296 mL
50 mM	0.0446 mL	0.223 mL	0.4459 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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