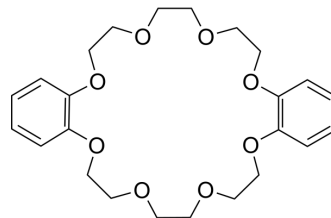


Dibenzo-24-crown-8-ether

Cat. No.:	HY-W073183
CAS No.:	14174-09-5
Molecular Formula:	C ₂₄ H ₃₂ O ₈
Molecular Weight:	448.51
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dibenzo-24-crown-8-ether is a phase transfer catalyst that can reduce H²PtCl₆·6H₂O and FeCl₂·4H₂O in a thermal system to synthesize 17 nm monodispersed iron-platinum (FePt) alloy nanoparticles^[1].

REFERENCES

[1]. Wen M, Qi H, Zhao W, et al. Phase transfer catalysis: Synthesis of monodispersed FePt nanoparticles and its electrocatalytic activity[J]. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 312(1): 73-78.

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

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