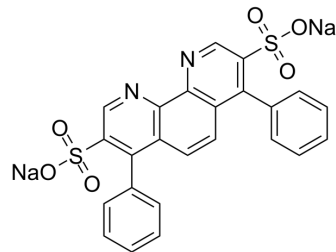


Bathophenanthrolinedisulfonic acid disodium

Cat. No.:	HY-W127790
CAS No.:	52746-49-3
Molecular Formula:	C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂
Molecular Weight:	536.49
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Bathophenanthrolinedisulfonic acid disodium salt is used as a colorimetric reagent for the detection of iron. It is widely used for the determination of iron in aqueous solutions without the use of extraction solvents. It is used as a precursor for the preparation of the anion Europium(III) disulfonated bathophenanthroline tris(dibenzoylformic acid) complex and ruthenium II tris(rubphenanthroline disulfonate). It plays a crucial role in the catalytic oxidation of 2-hexanol by enabling it to form a water-soluble complex with palladium.

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

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