

Product Name: SPADNS
Catalog Number: A16933.09

CAS Number: 23647-14-5
IUPAC Name: trisodium
 (3E)-5-hydroxy-4-oxo-3-[2-(4-sulfonatophenyl)hydrazin-1-ylidene]-3,4-dihydronaphthalene-2,7-disulfonate
Molecular Formula: C₁₆H₉N₂Na₃O₁₁S₃
Molecular Weight: 570.40
InChI Key: LSAWBVPBZOGOT-ZOVWSQMSSA-K
SMILES: [Na+].[Na+].[Na+].OC1=CC(=CC2=C1C(=O)C(=N/NC1=CC=C(C=C1)S([O-])(=O)=O)C(=C2)S([O-])(=O)=O)S([O-])(=O)=O
Synonym: trisodium
 (3E)-5-hydroxy-4-oxo-3-[2-(4-sulfonatophenyl)hydrazin-1-ylidene]naphthalene-2,7-disulfonate

Product Specification

Appearance (Color): Dark red to brown to dark brown
Form: Crystals or powder or crystalline powder
Comment: Suitable for the determination of zirconium
lambda-max (UV-Vis): 505.0-510.0nm
Loss on Drying: ≤10%
Specific Absorbance (E 1%/1cm): ≥400 at Lambda-max

Date Of Print: 06/13/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.