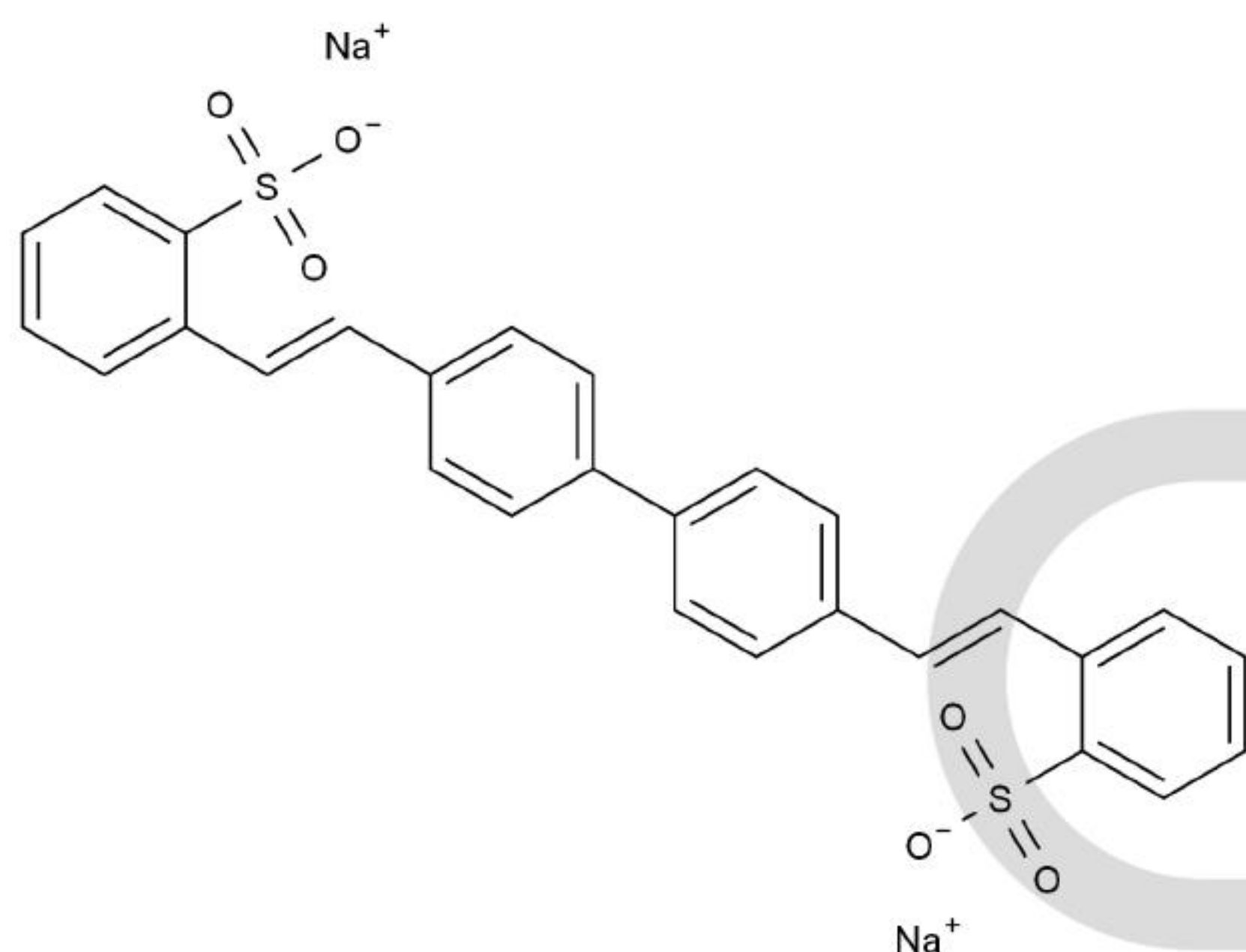


Certificate of Analysis

Reference Material & Standard

Product Name:	Disodium 4,4'-Bis(2-sulfonatostyryl)biphenyl	Catalogue Number:	CCHM701337
Synonyms:	N/A	Lot Number:	1012-RE-0088
CAS Number:	27344-41-8	Expiry Date:	Oct 11, 2027
Molecular Formula:	C ₂₈ H ₂₀ O ₆ S ₂ 2*Na	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	516.58 2*22.99	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow-Green Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	90.8%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Oct 12, 2023

Date: Oct 12, 2023

Date: Oct 12, 2023

