



CERTIFICATE OF ANALYSIS

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1. Identification

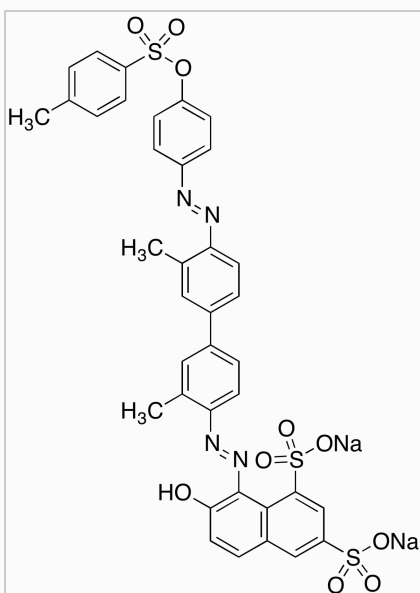
Catalogue Number: A795263

CAS Number: 6459-94-5

Product: Acid Red 114 (Technical Grade)

Synonym: 8-[[[3,3'-Dimethyl-4'-[[[4-[[[4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-7-hydroxy-,1,3-naphthalenedisulfonic Acid Disodium Salt

Structure:



Molecular Formula:

C₃₇H₂₈N₄Na₂O₁₀S₃

Molecular weight:

830.81

Source of Product:

N/A

Solubility:

DMSO (Slightly), Ethanol (Slightly)

Lot Number: 711970857-2-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Red to Very Dark Red Solid	Very Dark Red Solid
NMR	Conforms to Structure	Conforms
UV Absorbance	Report Result	204 nm, 249 nm, 365 nm, 515 nm
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	3/19/2024	3/17/2028

