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Certificate of Analysis

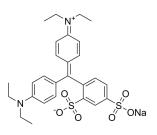
Patent Blue V

Cat. No.:	HY-W110929
CAS No.:	129-17-9
Batch No.:	309293
Chemical Name:	Ethanaminium, N-[4-[[4-(diethylamino)phenyl](2,4-disulfophenyl)methylene]-2,5-cyclohexadie
	n-1-ylidene]-N-ethyl-, inner salt, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₇ H ₃₁ N ₂ NaO ₆ S ₂
Molecular Weight:	566.66
Storage:	-20°C, sealed storage, away from moisture
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance:	Brown to black (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	90.59%
Conclusion:	The product has been tested and complies with the given specifications.

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

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