

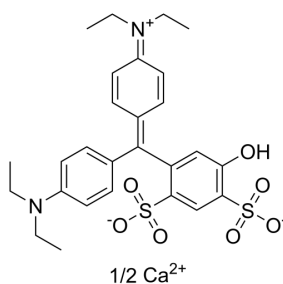
Patent Blue V (calcium salt)

Cat. No.:	HY-126395
CAS No.:	3536-49-0
Batch No.:	404618
Chemical Name:	Ethanaminium, N-[4-[[4-(diethylamino)phenyl](5-hydroxy-2,4-disulphophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, inner salt, calcium salt (2:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₇ H ₃₂ N ₂ O ₇ S ₂ ·1/2Ca
Molecular Weight:	580.72
Storage:	4°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 (HPLC):	99.81%
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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