

Certificate of Analysis

Product Name	Cy5.5 (Sulfo-Cyanine5.5)
Catalog No.	V41487
Batch No.	V4148701

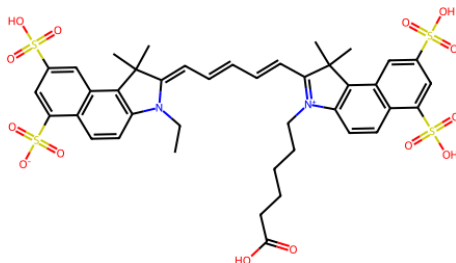
1. Physical and Chemical Properties

Appearance	Purple to purplish red solid powder
Molecular Formula	C ₄₁ H ₄₄ N ₂ O ₁₄ S ₄
Molecular Weight	917.053067207336
Purity	=100.00%
CAS No.	210892-23-2
Production Date	2025/01/07

2. Analytical Data

Test Item	Specification	Result
HPLC	≥97%	=100.00%
NMR	Consistent with structure	Confirms
Mass Spectrum	Consistent with structure	Confirms

3. Structure



4. Storage Condition

Storage Condition	Powder -20°C 3 years 4°C 2 years
	In solvent -80°C 6 months -20°C 1 month
Note: This product requires protection from light (avoid light exposure) during transportation and storage.	

Products are for research use only • Not for human or veterinary use