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Certificate of Analysis

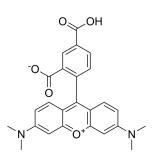
5-TAMRA

Cat. No.:	HY-15942
CAS No.:	91809-66-4
Batch No.:	267532
Chemical Name:	Xanthylium, 9-(2,4-dicarboxyphenyl)-3,6-bis(dimethylamino)-, inner salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₅ H ₂₂ N ₂ O ₅
Molecular Weight:	430.45
Storage:	4°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



ANALYTICAL DATA

Appearance:	Green to dark green (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	99.25%
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.

Tel: 609-228-6898

Fax: 609-228-5909

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E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA