

COUMARIN 620

Synonym: 7H-[1]Benzopyrano[3',2':3,4]pyrido[1,2-a]benzimidazole-6-carbonitrile, 3-(diethylamino)-7-imino-

Catalog No.: 06205

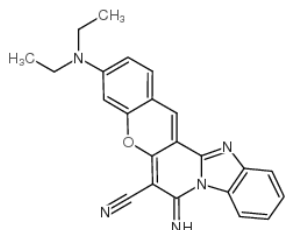
CAS No.: 52372-39-1

MW: 381.43

Chemical No.: C₂₃H₁₉N₅O

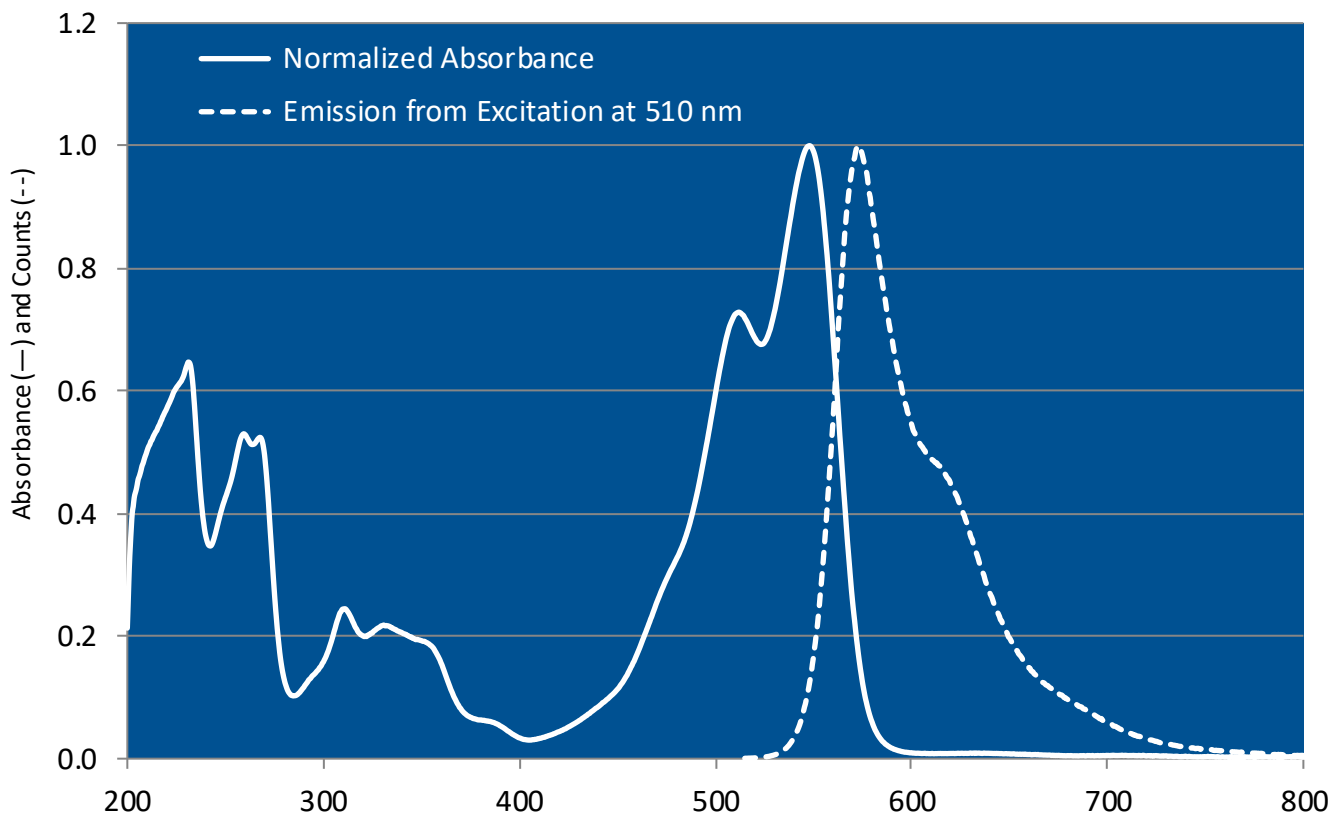
Appearance: Red crystalline solid

Structure:



Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	FI λ-max
--	--	--	Ethanol	--	549 ^e	572 ^e

Coumarin 620 in Methanol



The information presented above is believed to be accurate but is not a specification. The customer is fully responsible for determining the suitability of this product for use in their application. Exciton, Inc. does not represent that the information is sufficient or complete for any specific application.

REFERENCES:



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2. V.V. Maslov, M.I. Dzyubenko, S.N. Kovalenko, V.M. Nikitchenko, and A.I. Novikov. "New efficient dyes for the red part of the lasing spectrum," *Sov. J. Quantum Electron.*, vol. 17, no. 8 pp. 998 - 1001, 1987
3. V.V. Maslov, "Spectral and fluorescence characteristics of laser dyes for 650-800 nm range," *Function. Mater.*, vol. 13, no 3, pp. 419 -422, 2006.