



Genemed Synthesis, Inc.
6203 Wood Lake Center Dr., Bldg. 2, San Antonio, TX 78244, USA
Toll free (800) 344-5337; Phone: (210) 745-5988; Fax (210) 745-5992
Email: info@genemedsyn.com, Website: www.genemedsyn.com

Cy5 carboxylic acid

Cat #	FD-6036	Unit Size	100 mg
MW	519.12	Appearance	dark blue solid
Quality control	NMR: 95+ % TLC: pure	Molar extinction Coefficient	250,000 M ⁻¹ cm ⁻¹ (measured at A max)
Ex (nm)	646 nm	Em (nm)	662 nm
Solubility	Soluble in chloroform, MeCN, DMSO, DMF, alcohols; Insoluble in water.	Storage	Store at -20 °C. Desiccate.

Cy5 carboxylic acid replaces Colorada 645 C - Acid and Quasar 670 Carboxylic Acid for all applications. This is unsymmetrical bright cyanine dye including Cy5 fluorophore. Cy5 carboxylic acid has negligible aqueous solubility. Cy5.5 carboxylic acid is also available.

