

DMT

Synonym: 2,2'-dimethyl-1,1':4'1''-terphenyl; BM-Terphenyl

Catalog No.: 03320

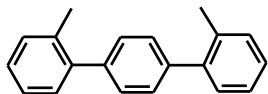
CAS No.: 53092-64-1

MW: 258.36

Chemical Formula: C₂₀H₁₈

Appearance: White crystalline solid

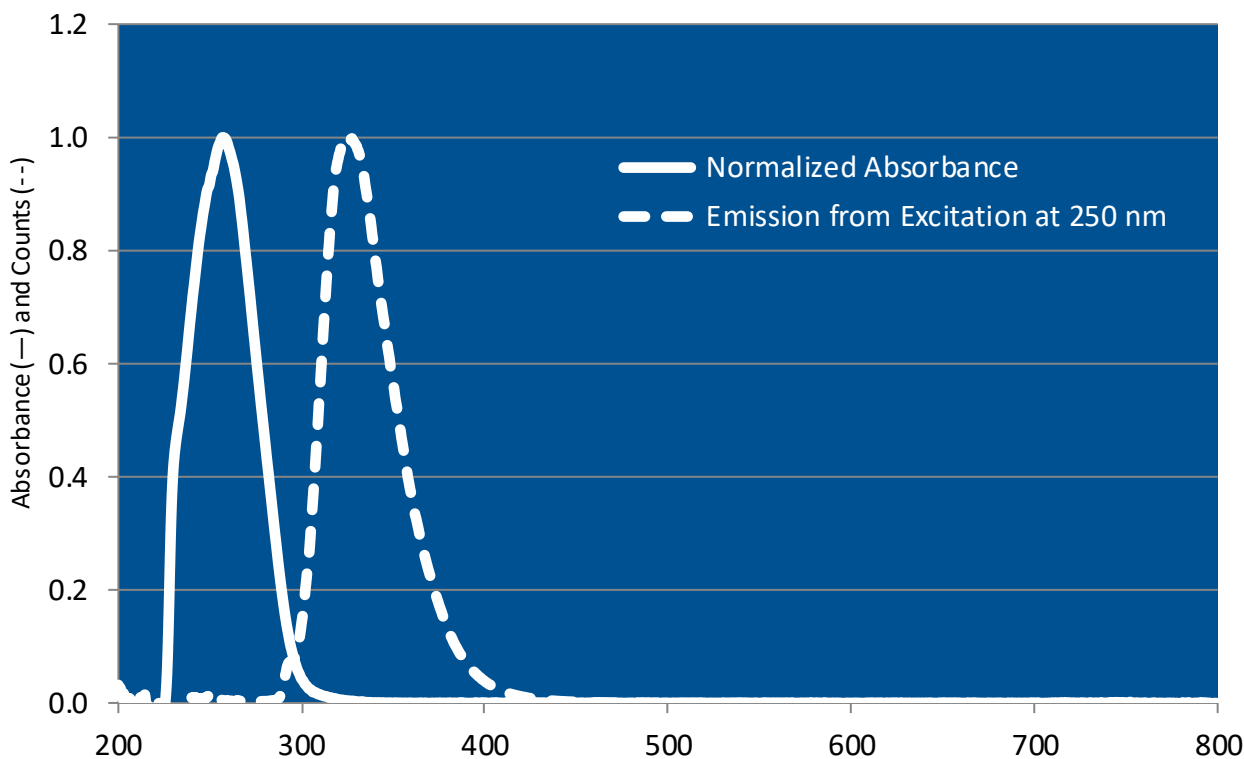
Structure:



Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	FI λ-max
332	311-353	KrF(248) ⁸⁵	Cyclohexane	9.6 x 10 ⁻⁴	251 ^c	336 ^c
336	322-348	KrF(248) ¹¹⁰	Cyclohexane	1 x 10 ⁻³		

c = cyclohexane

DMT in Dichloromethane



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.



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REFERENCES:

85. Shorter Dye Laser Wavelengths from Substituted p-Terphenyls, W. Zapka and U. Brockmann, *Appl. Phys.* 20, 283 (1979)
110. Lumonics Inc., 105 Schneider Road, Kanata, (Ottawa), Ontario, Canada K2K 1Y3

For a current list of biology, biological stain, or biochemistry references for DMT from PubMed, click on the following link:

[DMT](#) (the abbreviation DMT has multiple meanings in PubMed)