

PYRROMETHENE 567A

Synonyms: 1,3,5,7-Tetramethyl-8-n-pentyl-2,6-diethylpyrromethene BF₂ complex

Catalog No.: 05678

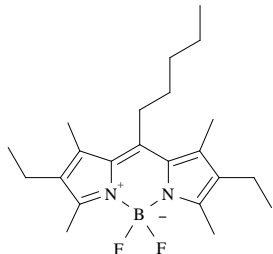
CAS No: N/A

MW: 374.32

Chemical Formula: C₂₂H₃₃N₂BF₂

Appearance: Bright orange crystalline solid

Structure:



Spectral Information:

$\lambda_{\text{max,abs}}$ 519nm (ethanol), 522.5nm (gasoline), 521.64nm (Dow Corning 200 silicone oil), 520.5nm (PMMA), 518.85nm (ethyl acetate)

$\lambda_{\text{max,fl}}$ 536nm (ethanol), 543nm (gasoline), 554nm (PMMA)

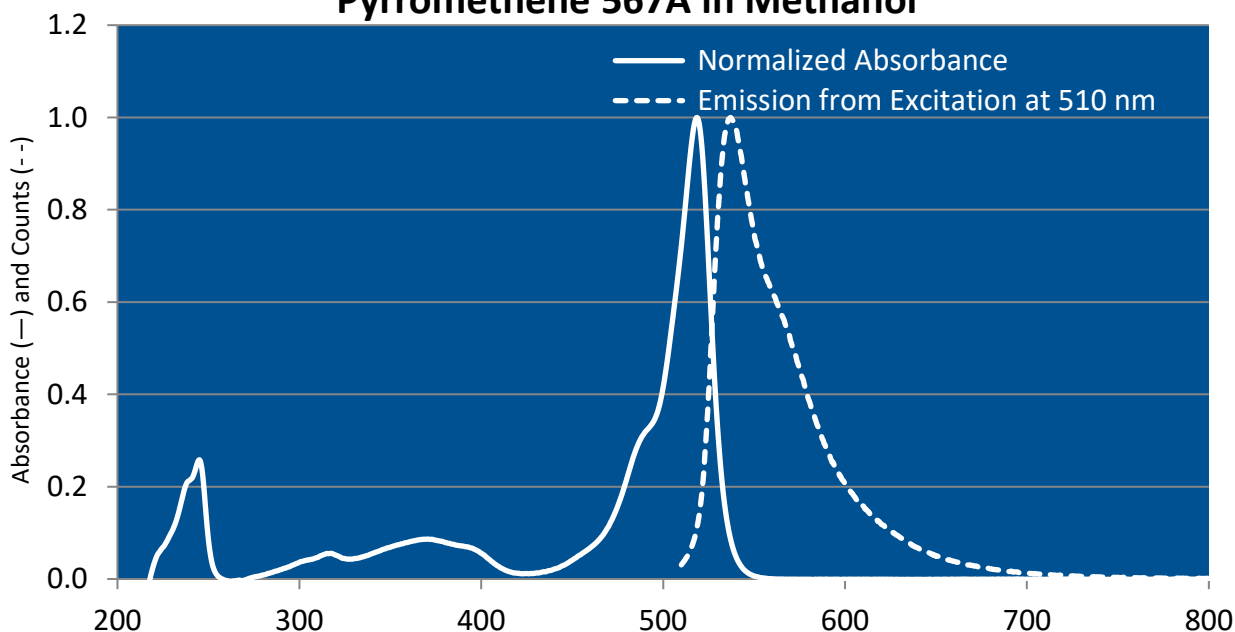
ϵ_{519} 8.4x10⁴ liter/mole cm

Φ_f not reported

Selected Solubility Limits (25°C):

Acetone	43 grams/liter	2-Ethoxyethyl Acetate	48 grams/liter
Acetonitrile	15 grams/liter	Ethyl Acetate	>133 grams/liter
p-Dioxane	>23 grams/liter	Gasoline	4.8 grams/liter
Dow Corning 200 Silicone Oil	0.85 grams/liter	Heptane	7.87 grams/liter
Ethanol	3.4 grams/liter	Methanol	3.7 grams/liter

Pyrromethene 567A 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.