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## PYRROMETHENE 567A

**Synonyms:** 1,3,5,7-Tetramethyl-8-n-pentyl-2,6-diethylpyrromethene BF<sub>2</sub> complex

**Catalog No.:** 05678

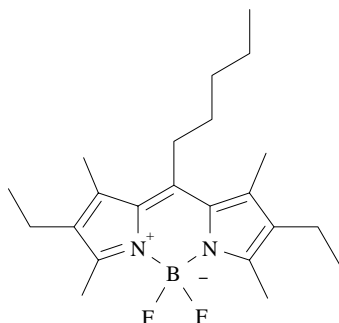
**CAS No:** N/A

**MW:** 374.32

**Chemical Formula:** C<sub>22</sub>H<sub>33</sub>N<sub>2</sub>BF<sub>2</sub>

**Appearance:** Bright orange crystalline solid

**Structure:**



### Spectral Information:

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

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

$\epsilon_{519}$  8.4x10<sup>4</sup> liter/mole cm

$\Phi_f$  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