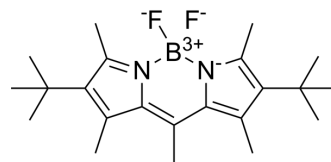


## Pyrrromethene 597

Cat. No.:	HY-W248115
CAS No.:	137829-79-9
Molecular Formula:	C <sub>22</sub> H <sub>33</sub> BF <sub>2</sub> N <sub>2</sub>
Molecular Weight:	374.32
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Pyrrromethene 597 is a BODIPY laser dye. Pyrrromethene 597 displays wide tuning range of lasing wavelengths and high photostability. Pyrrromethene 597 can be used as a thermal probe<sup>[1][2]</sup>.

### REFERENCES

- [1]. Sen A, et al. Surfactant mediated suppression of aggregation and excited state ring puckering process in Pyrrromethene 597-Application in water based dye laser. Spectrochim Acta A Mol Biomol Spectrosc. 2022 Dec 5;282:121642.
- [2]. Jain P, et al. Fluorescence Anisotropy Studies on Bodipy (Pyrrromethene 546) Dye as a Novel Thermal Probe. J Fluoresc. 2022 Mar;32(2):737-743.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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