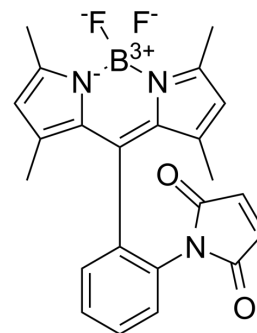


## BODIPY Green 8-P2M

Cat. No.:	HY-D1590
CAS No.:	929679-22-1
Molecular Formula:	C <sub>23</sub> H <sub>20</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	419.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

ODIPY Green 8-P2M is a novel thiol-reactive fluorescence probe based on the BODIPY fluorophore, the fluorescence is strongly quenched by d-PeT and then can be restored after reaction with thiol, resulting in an extremely high signal-to-noise ratio. ODIPY Green 8-P2M can be useful for detecting extremely low concentrations of protein in the gel after SDS-PAGE<sup>[1]</sup>.

### REFERENCES

[1]. Takuya Matsumoto, et al. A thiol-reactive fluorescence probe based on donor-excited photoinduced electron transfer: key role of ortho substitution. *Org Lett.* 2007 Aug 16;9(17):3375-7.

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

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