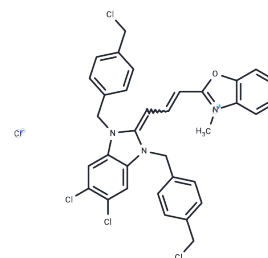


## MitoMark Green I

## Chemical Properties

CAS No. :	201860-17-5
Formula:	C <sub>34</sub> H <sub>28</sub> Cl <sub>5</sub> N <sub>3</sub> O
Molecular Weight:	671.87
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	MitoMark Green I is a green fluorescent mitochondrial stain [ $\lambda_{max} \sim 490/516 \text{ nm}$ ].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4884 mL	7.4419 mL	14.8838 mL
5 mM	0.2977 mL	1.4884 mL	2.9768 mL
10 mM	0.1488 mL	0.7442 mL	1.4884 mL
50 mM	0.0298 mL	0.1488 mL	0.2977 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Yu J, Zheng J, Lu J, Sun Z, Wang Z, Zhang J. AdipoRon Protects Against Secondary Brain Injury After Intracerebral Hemorrhage via Alleviating Mitochondrial Dysfunction: Possible Involvement of AdipoR1-AMPK-PGC1 $\alpha$  Pathway. *Neurochem Res.* 2019 Apr 13. doi: 10.1007/s11064-019-02794-5. [Epub ahead of print] PubMed PMID: 30982205.

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