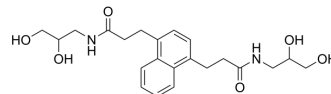


## DHPN

Cat. No.:	HY-153770
CAS No.:	308123-27-5
Molecular Formula:	C <sub>22</sub> H <sub>30</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	418.48
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	DHPN is a reversible carrier of singlet oxygen ( <sup>1</sup> O <sub>2</sub> ) and can be used as a chemical and physical quencher of <sup>1</sup> O <sub>2</sub> <sup>[1]</sup> .
-------------	--

## REFERENCES

[1]. Pierlot C, et al. Simultaneous Determination of the Chemical (k<sub>r</sub>) and the Physical (k<sub>q</sub>) Quenching Rate Constants of Singlet Oxygen in Aqueous Solution by the Chemiluminescence-quenching Method. Photochem Photobiol. 2021 Nov;97(6):1343-1352.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA