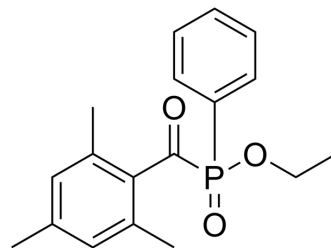


TPO-L

Cat. No.:	HY-W017894
CAS No.:	84434-11-7
Molecular Formula:	C ₁₈ H ₂₁ O ₃ P
Molecular Weight:	316.33
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TPO-L is a photoinitiator that promotes two-photon induced polymerization. The two-photon absorption cross-section spectrum of Lucirin TPO-L shows a maximum of 1.2 GM at 610 nm. Despite its small two-photon absorption cross-section, Lucirin TPO-L exhibits high polymerization quantum yields^[1].

REFERENCES

[1]. Mendonca C R, Correa D S, Baldacchini T, et al. Two-photon absorption spectrum of the photoinitiator Lucirin TPO-L[J]. Applied Physics A, 2008, 90: 633-636.

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

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