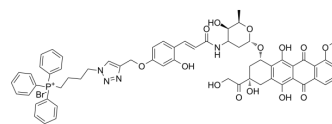


## Mitochondria-Targeted Photoactivatable Prodrug

Cat. No.:	HY-145323
CAS No.:	2883123-79-1
Molecular Formula:	C <sub>61</sub> H <sub>60</sub> BrN <sub>4</sub> O <sub>14</sub> P
Molecular Weight:	1184.03
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Mitochondria-Targeted Photoactivatable Proagent accumulates in the mitochondria and shows light-triggered temporally controlled cell death. Mitochondria-Targeted Photoactivatable Proagent can be used in a novel drug delivery platform that provides on-demand, real-time, organelle-specific agent release and monitoring upon photoactivation<sup>[1]</sup>.

### REFERENCES

[1]. Neelu Singh, et al. Mitochondria-Targeted Photoactivatable Real-Time Monitoring of a Controlled Drug Delivery Platform. J Med Chem. 2021 Dec 23;64(24):17813-17823.

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

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