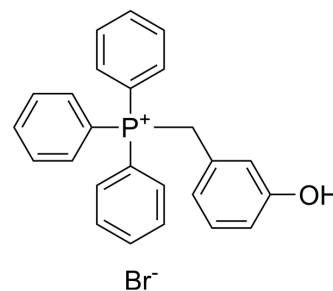


MitoP bromide

Cat. No.:	HY-130691
CAS No.:	74597-01-6
Molecular Formula:	C ₂₅ H ₂₂ BrOP
Molecular Weight:	449.32
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MitoP bromide is the reaction product of MitoB with H₂O₂. A high MitoP/MitoB ratio indicates that the mitochondria have a high average level of H₂O₂^{[1][2]}.

REFERENCES

[1]. Salin K, et al. Using the MitoB method to assess levels of reactive oxygen species in ecological studies of oxidative stress. *Sci Rep.* 2017 Jan 24;7:41228.

[2]. Cochemé HM, et al. Using the mitochondria-targeted ratiometric mass spectrometry probe MitoB to measure H₂O₂ in living *Drosophila*. *Nat Protoc.* 2012 Apr 19;7(5):946-58.

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

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