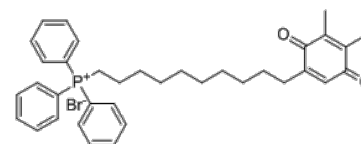


**Product Name** : Visomitin  
**Cat. No.** : PC-62577  
**CAS No.** : 934826-68-3  
**Molecular Formula** : C<sub>36</sub>H<sub>42</sub>BrO<sub>2</sub>P  
**Molecular Weight** : 617.61  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

Visomitin (SKQ1 bromide, PDTP) is a mitochondria-targeted **antioxidant** that decreases transmembrane potential and production of reactive oxygen species (ROS).

Visomitin prevents neuronal loss and synaptic damage in a rat model of spontaneous Alzheimer's disease, slows development of age-related ocular pathologies in murine, porcine, bovine, and canine model systems.

## References

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 Stefanova NA, et al. *Aging (Albany NY)*. 2016 Oct 6;8(11):2713-2733.  
 Skulachev VP, et al. *Biochem Biophys Res Commun*. 2013 Nov 15;441(2):275-9.  
 Brzheskiy VV, et al. *Adv Ther*. 2015 Dec;32(12):1263-79.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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