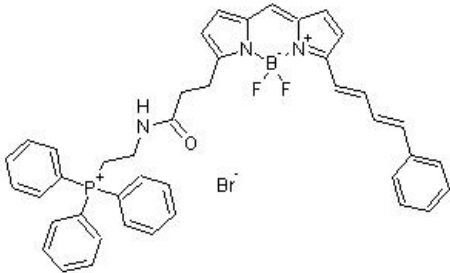


## Product datasheet

# MitoPerOx, fluorescent mitochondria-targeted lipid peroxidation probe ab146820

[2 References](#) [1 Image](#)

### Overview

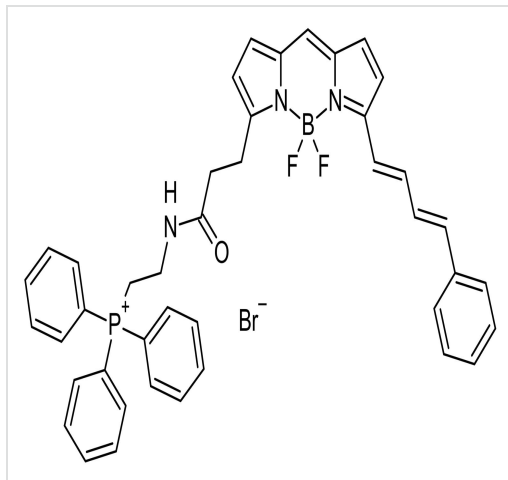
<b>Product name</b>	MitoPerOx, fluorescent mitochondria-targeted lipid peroxidation probe
<b>Description</b>	Ratiometric, fluorescent, mitochondria-targeted lipid peroxidation probe
<b>Purity</b>	> 95%
<b>CAS Number</b>	1392820-50-6
<b>Chemical structure</b>	

### Properties

<b>Emission</b>	590nm
<b>Chemical name</b>	4,4-Difluoro-5-(4-phenyl-1,3-butadienyl)-4-bora-3a,4a-diaza-s-indacene-3-(propionylaminoethyltriphenylphosphonium) bromide
<b>Molecular weight</b>	760.46
<b>Molecular formula</b>	C <sub>42</sub> H <sub>38</sub> BF <sub>2</sub> N <sub>3</sub> OP.Br
<b>Storage instructions</b>	Store at -20°C long term. Store In the Dark.
<b>Solubility overview</b>	Soluble in DMSO to 25 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

<b>SMILES</b>	<chem>[Br-].F[B-]7(F)[N+]=2C(C=CC=2\C=C=C\c1cccc1)=Cc6ccc(CCC(=O)NCC[P+](c3cccc3)(c4cccc4)c5cccc5)n67</chem>
<b>Source</b>	Synthetic

## Images



Chemical Structure - MitoPerOx, fluorescent mitochondria-targeted lipid peroxidation probe (ab146820)

2D chemical structure image of ab146820, MitoPerOx, fluorescent mitochondria-targeted lipid peroxidation probe

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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