

MitoPQ, mitochondria-targeted redox cyclers ab146819

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

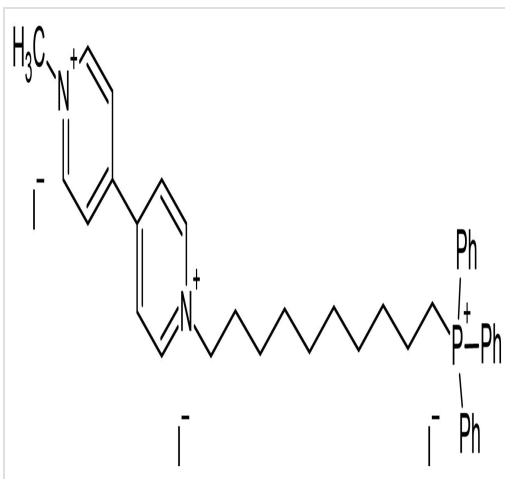
Overview

Product name	MitoPQ, mitochondria-targeted redox cyclers
Description	Selective, mitochondria-targeted redox cyclers
Purity	> 98%
CAS Number	1821370-28-8
Chemical structure	

Properties

Chemical name	1-Methyl-1'-[10''-(triphenylphosphonio)dec-1''-yl]-4,4'-bipyridine-1-1'-dium triiodide
Molecular weight	954.48
Molecular formula	C ₃₉ H ₄₆ I ₃ N ₂ P
PubChem identifier	129909777
Storage instructions	Shipped at 4°C. Store at +4°C. Store under desiccating conditions.
Solubility overview	Soluble in ethanol to 10 mM and in DMSO to 100 mM
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C[N+]1=CC=C(C=C1)C2=CC=[N+](C=C2)CCCCCCCCC[P+](C3=CC=CC=C3)(C4=CC=CC=C4)C5=CC=CC=C5.[I-].[I-].[I-]</chem>
Source	Synthetic

Images



Chemical Structure - MitoPQ, mitochondria-targeted redox cyclers (ab146819)

2D chemical structure image of ab146819, MitoPQ, mitochondria-targeted redox cyclers

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