

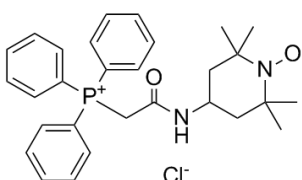
Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC12364
Name	Mito-TEMPO

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Chemical Properties

CAS	1334850-99-5
Formula	C ₂₉ H ₃₅ CLN ₂ O ₂ P
MW	510.03
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a phosphonium cation with three phenyl rings. The central phosphorus atom is bonded to three phenyl groups and a nitrogen atom. This nitrogen atom is part of a 2,2,6,6-tetramethylpiperidine-1-oxyl (TEMPO) derivative, specifically a 2,2,6,6-tetramethylpiperidine ring with an N-oxide group. The phosphorus atom is also bonded to a carbonyl group, which is further bonded to a nitrogen atom. This nitrogen atom is part of a secondary amine group, which is bonded to a hydrogen atom and a chlorine ion (Cl⁻).</p>
Purity	>98%

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www.dcchemicals.com