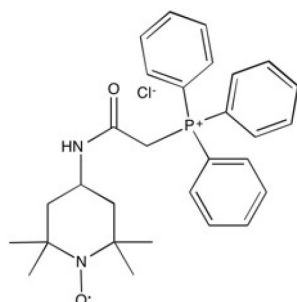


Mito-TEMPO

Catalogue No.: abx282953



Mito-TEMPO is a small molecule which can act as a Mitochondria targeted antioxidant. It is provided as a pale-orange solid.

This product acts on the following target types: Antioxidant.

This product acts on the following biochemical pathways: Redox, Mitochondrial function, Senescence, Necrosis, Apoptosis inhibitor.

This product may be of interest in the following research areas and diseases: Oxidative stress, Cell death.

Please note that our chemical products are for scientific research use only in a laboratory and are not for medical or veterinary use. This product can only be dispatched to a scientific business or laboratory address.

Target:	Mito-TEMPO
Form:	Solid
Purity:	> 98% (TLC: 5% CH ₃ OH in CH ₂ Cl ₂ ; R _f = 0.5). Conforms to structure by high-resolution MS.
Reconstitution:	Soluble in DMSO (up to 25 mg/ml), in Water (up to 40 mg/ml) or in Ethanol (up to 40 mg/ml).
Storage:	Store desiccated at -20 °C for up to 2 years. Solutions can be stored at -20 °C for up to 1 week.
Molecular Weight:	510.0 g/mol
Molecular Formula:	C ₂₉ H ₃₅ ClN ₂ O ₂ P
Buffer:	Not applicable.
CAS Number:	1334850-99-5
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.