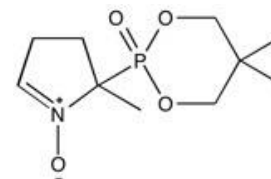


Catalog	Unit
TBI4521 - 1MG	1 mg
TBI4521 - 5MG	5 mg

Product Details

Formal Name: 5-(2,2-dimethyl-1,3-propoxycyclophosphoryl)-5-methyl-1-pyrroline N-oxide
Alternate Names: RR 071
Molecular Formula: C₁₀H₁₈NO₄P
Formula Weight: 247.23
CAS Number: 934182-09-9
Purity: >98%
Formulation: Powder
Solubility: Soluble in DMSO (up to 20 mg/ml), in DMF (up to 25 mg/ml) or in PBS-pH 7.2 (up to 10 mg/ml).
Storage: -20°C
Stability: ≥ 2 years.



Applications

Spin trap

Functions

CYPMPO (934182-09-9) is a free radical spin-trap with hydroxyl and superoxide free radical trapping capabilities similar to DEPMPO. Better solubility and increased half-life in aqueous buffers can give CYPMPO a practical advantage over DEPMPO in some experiments.

Application Procedures

First dissolved in DMSO (20 mg/ml), DMF (25 mg/ml), or in PBS-pH 7.2 (10mg/ml), then diluted to aqueous buffer. Solutions in DMSO or DMF may be stored at -20°C for up to 3 months. Aqueous solutions are not stable and must be used within one working day.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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