

Tempol-D17

Chemical Properties

CAS No. :	100326-46-3
Formula:	C ₉ H ₁₈ NO ₂
Molecular Weight:	189.352
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Tempol-D17 is the deuterated form of Tempol. Tempol (T6699) functions as a superoxide dismutase (SOD) analog and is effective in neutralizing reactive oxygen
Targets(IC50)	Reactive Oxygen Species, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2812 mL	26.4061 mL	52.8123 mL
5 mM	1.0562 mL	5.2812 mL	10.5625 mL
10 mM	0.5281 mL	2.6406 mL	5.2812 mL
50 mM	0.1056 mL	0.5281 mL	1.0562 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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