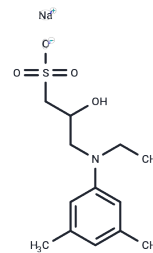


MAOS

Chemical Properties

CAS No. :	82692-97-5
Formula:	C ₁₃ H ₂₀ NNaO ₄ S
Molecular Weight:	309.36
Storage:	Keep away from direct sunlight, Keep away from moisture 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	MAOS is a novel Trinder reagent that is a colorimetric probe.
Targets(IC50)	Others, Reactive Oxygen Species

Solubility Information

Solubility	H ₂ O: 50 mg/mL (161.62 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2325 mL	16.1624 mL	32.3248 mL
5 mM	0.6465 mL	3.2325 mL	6.465 mL
10 mM	0.3232 mL	1.6162 mL	3.2325 mL
50 mM	0.0646 mL	0.3232 mL	0.6465 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.

Reference

Kim HY, et al. Reaction-based colorimetric signaling of Cu(2+) ions by oxidative coupling of phenols with 4-aminoantipyrine. Talanta. 2015 Jan;132:625-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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