

## Nitro-PAPS disodium dihydrate

## Chemical Properties

CAS No. :

Formula: C17H23N5Na2O8S

Molecular Weight: 503.44

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Nitro-PAPS disodium dihydrate is a highly sensitive chromogenic reagent used for detecting Fe(II), with a maximum absorption wavelength of 592 nm. It is applicable for determining Fe(II) in serum and can also be used to measure micromolar concentrations of Cu, Zn, Ni, Co, and V.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9863 mL	9.9317 mL	19.8633 mL
5 mM	0.3973 mL	1.9863 mL	3.9727 mL
10 mM	0.1986 mL	0.9932 mL	1.9863 mL
50 mM	0.0397 mL	0.1986 mL	0.3973 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.

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