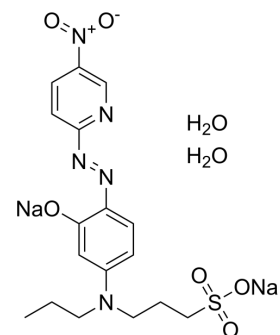


Nitro-PAPS disodium dihydrate

Cat. No.:	HY-157917
Molecular Formula:	C ₁₇ H ₂₃ N ₅ Na ₂ O ₈ S
Molecular Weight:	503.44
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Nitro-PAPS disodium dihydrate is a highly sensitive colorimetric reagent for Fe(II) detection with a maximal absorption wavelength of 592 nm. Nitro-PAPS disodium dihydrate is suitable for the determination of Fe(II) in serum and also be used to determine micro molar levels of Cu, Zn, Ni, Co and V^[1].

REFERENCES

[1]. Makino T, et al., A sensitive, direct colorimetric assay of serum iron using the chromogen, nitro-PAPS. Clin Chim Acta. 1988 Jan 15;171(1):19-27.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA