Creative Enzymes®

o-Dianisidine dihydrochloride

Cat. No. CSUB-0431

Lot. No. (See product label)

Introduction

Synonyms	3, 3'-Dimethoxybenzidine dihydrochloride; Fast Blue B

Product Information

Form	tablet
EC Number	243-737-5
CAS No.	20325-40-0
Molecular Formula	C14H16N2O2 · 2HCl
Molecular Weight	317.21
Specificity	o-Dianisidine (3,3'-dimethoxybenzidine) is a peroxidase substrate suitable for use in ELISA procedures. This substrate produces a soluble end product that is yellow-orange in color and can be read spectrophotometrically at 405 nm. The reaction may be stopped with 5 M HCl.
Substrates	Peroxidase Substrates

Usage and Packaging

Reconstitution	Dissolve one tablet in 60 ml of 50 mM phosphate-citrate buffer, pH 5.0. Add 12 µl of fresh 30% hydrogen peroxide immediately before to use.

Storage and Shipping Information

Storage	2-8°C