Creative Enzymes®

2,2'-Azino-bis(3-ethylbenzothiazoline-6-sulfonic acid) diammonium salt

Cat. No. CSUB-0418

Lot. No. (See product label)

Introduction

Applications	2,2'-Azino-bis(3-ethylbenzthiazoline-6-sulfonic acid) is a peroxidase substrate suitable for use in ELISA procedures. This substrate produces a soluble end product that is green in color and can be read spectrophotometrically at 405 nm. The reaction may be stopped with 1% sodium dodecyl sulfate (SDS). Recommended for ELISA (microwell) procedures, not recommended for membrane applications.
Synonyms	AzBTS-(NH4)2, Diammonium 2, 2'-azino-bis(3-ethylbenzothiazoline-6-sulfonate)

Product Information

Form	tablet
EC Number	250-396-6
CAS No.	30931-67-0
Molecular Formula	C18H24N6O6S4
Molecular Weight	548.68
Substrates	Peroxidase Substrates

Usage and Packaging

Reconstitution	Dissolve 1 tablet in 100 ml of 0.05 M phosphate-citrate buffer, pH 5.0 (Tablets available as Sigma Product No. P4809). Add 25 µl of fresh 30% hydrogen peroxide