

3,3',5,5'-Tetramethylbenzidine dihydrochloride

Cat. No. CSUB-0442

Lot. No. (See product label)

Introduction

Applications 3,3',5,5'-Tetramethylbenzidine (TMB) is a peroxidase substrate suitable for use in ELISA procedures. The substrate produces a soluble end product that is pale blue in color and can be read spectrophotometrically at 370 or 620-650 nm. The TMB reaction may be stopped with 2 M H₂SO₄ (resulting in a yellow color), and read at 450 nm.

Synonyms 4, 4'-Diamino-3, 3'; 5, 5'-tetramethylbiphenyl dihydrochloride

Product Information

Form	tablet
EC Number	264-769-6
CAS No.	64285-73-0
Molecular Formula	C ₁₆ H ₂₀ N ₂ · 2HCl
Molecular Weight	313.27
mp	>300 °C
Substrates	Peroxidase Substrates

Storage and Shipping Information

Storage 2-8°C