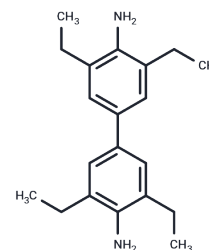


## 3,3',5,5'-Tetraethylbenzidine

## Chemical Properties

CAS No. :	2095-04-7
Formula:	C <sub>20</sub> H <sub>28</sub> N <sub>2</sub>
Molecular Weight:	296.45
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	3,3',5,5'-Tetraethylbenzidine serves as a multifunctional dye with diverse applications across various fields. As crucial components in biological experiments, dyes enable researchers to examine and analyze cellular structures, track biomolecules, assess cellular functions, differentiate cell types, detect biomolecules, investigate tissue pathology, and monitor microorganisms. Their usage extends from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes play a significant role in traditional industries such as textile dyeing and are increasingly utilized in innovative areas including functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3733 mL	16.8663 mL	33.7325 mL
5 mM	0.6747 mL	3.3733 mL	6.7465 mL
10 mM	0.3373 mL	1.6866 mL	3.3733 mL
50 mM	0.0675 mL	0.3373 mL	0.6747 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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