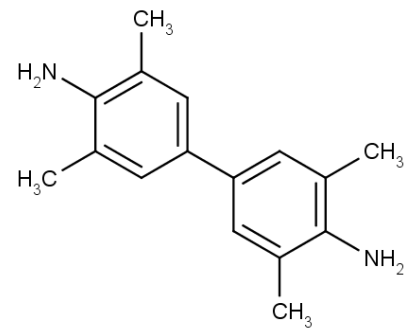


## TMB, pure

<b>Catalog No:</b>	22166
<b>Lot No:</b>	XXXXX
<b>Cas No:</b>	54827-17-7
<b>Formula:</b>	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub>
<b>MW:</b>	240.35
<b>Supplied as:</b>	solid
<b>Stability:</b>	store at 4°C, dry and protect from light



### Background

3,3',5,5'-Tetramethylbenzidine (TMB) is a chromogenic substrate used in staining procedures in immunohistochemistry as well as being a visualising reagent used in enzyme-linked immunosorbent assays (ELISA). TMB is a white crystal powder that forms a pale blue-green liquid in solution with ethyl acetate. TMB is degraded by sunlight and by fluorescent lights.

### Tests

<b>Appearance:</b>	cream-colored powder
<b>Assay (T):</b>	≥98%
<b>Melting range:</b>	168.0 – 170.0°C
<b>Residue on ignition:</b>	≤0.2%
<b>Loss on drying:</b>	≤0.5%

### Specifications

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.