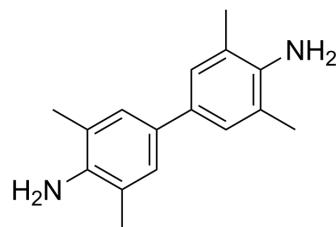


## TMB

|                    |  |
|--------------------|--|
| Cat. No.:          | HY-15930   |
| CAS No.:           | 54827-17-7   |
| Molecular Formula: | C <sub>16</sub> H <sub>20</sub> N <sub>2</sub>   |
| Molecular Weight:  | 240.34   |
| Target:            | Fluorescent Dye  |
| Pathway:           | Others   |
| Storage:           | 4°C, protect from light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 25 mg/mL (104.02 mM; Need ultrasonic)

| Solvent                   | Mass  | Concentration |            |            |
|---------------------------|-------|---------------|------------|------------|
|                           |       | 1 mg          | 5 mg       | 10 mg      |
| Preparing Stock Solutions | 1 mM  | 4.1608 mL     | 20.8039 mL | 41.6077 mL |
|                           | 5 mM  | 0.8322 mL     | 4.1608 mL  | 8.3215 mL  |
|                           | 10 mM | 0.4161 mL     | 2.0804 mL  | 4.1608 mL  |

Please refer to the solubility information to select the appropriate solvent.

## BIOLOGICAL ACTIVITY

### Description

TMB (BM blue) is a chromogenic substrate used in staining procedures in immunohistochemistry as well as being a visualising reagent used in enzyme-linked immunosorbent assays (ELISA).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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