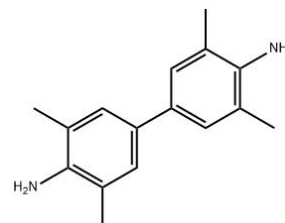


Technical Data Sheet

Tetramethylbenzidine

Compound Information

| | |
|--------------------|--|
| Product Name: | Tetramethylbenzidine |
| CAS No.: | 54827-17-7 |
| Molecular Formula: | C ₁₆ H ₂₀ N ₂ |
| Molecular Weight: | 240.34 |
| Storage: | Store at RT |
| Revision Date: | 2026-04-15 |



Analytical Information

| Tests | Specifications |
|-------------------------|--|
| Appearance | White to pale white powder |
| Solubility | Slightly soluble. <0.1 g/100 mL at 20°C. |
| Melting Point | 168-171 °C(lit.) |
| Heavy Metals | ≤5 ppm |
| LOD | ≤ 1% |
| Purity | ≥ 99% |
| MS | Pass test |
| 1H NMR | Pass test |
| 13C NMR | Pass test |
| IR | Pass test |
| Raman | Pass test |

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