

## SPECIFICATION

### 4,4-Bis 2-Benzoxazolyl Stilbene

| Parameters        | Specification                                                 |
|-------------------|---------------------------------------------------------------|
| CAS Number        | 1533-45-5                                                     |
| Appearance        | Yellow crystalline solid                                      |
| Molecular Formula | C <sub>28</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> |
| Molecular Weight  | 414.46 g/mol                                                  |
| Boiling Point     | 500 °C                                                        |
| Melting Point     | 213 °C                                                        |
| Flash Point       | 230 °C                                                        |
| Purity            | 98–99%                                                        |
| Refractive Index  | 1.62                                                          |
| Solubility        | Soluble in DMSO and DMF,<br>insoluble in water                |
| Uses              | Fluorescent dye, probe in<br>photophysics, research reagent   |