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## Bis-MSB

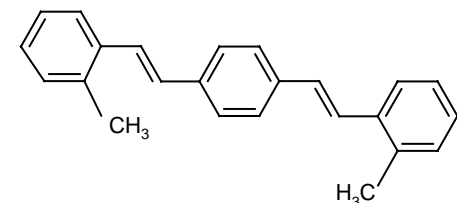
**Synonym:** 1,4-bis[2-(2-methylphenyl)ethenyl]-benzene

**Catalog No.:** 04210

**CAS No.:** 13280-61-0

**Appearance:** Greenish yellow solid

**Structure:**



**Molecular Weight:** 310.44

| Max. Lasing Wavelength (nm) | Range (nm) | Pump Source (nm)                  | Solvent   | Concentration (molar)                                     | Abs $\lambda$ -max | FI $\lambda$ -max |
|-----------------------------|------------|-----------------------------------|-----------|---|--------------------|-------------------|
| 424                         |            | FL <sup>7</sup>                   | Toluene   | $4 \times 10^{-4}$  | 347 <sup>C</sup>   | 420 <sup>C</sup>  |
| 420                         | 404-437    | XeCl(308) <sup>204</sup>          | p-Dioxane | $7.5 \times 10^{-4}$ (osc),<br>$6.3 \times 10^{-4}$ (amp) | 347 <sup>e</sup>   | 418 <sup>e</sup>  |
| 421                         | 411-431    | XeCl(308) <sup>110</sup>          | p-Dioxane | $1 \times 10^{-3}$  |                    |                   |
| 422                         |            | XeCl(308) <sup>112</sup>          | p-Dioxane | $1 \times 10^{-3}$  |                    |                   |
| 423                         | 413-428    | XeF(351) <sup>154</sup>           | p-Dioxane | $1.2 \times 10^{-3}$                                      |                    |                   |
| 422                         | 410-430    | Nd:YAG(355) <sup>80</sup>         | p-Dioxane | $1 \times 10^{-3}$  |                    |                   |
| 421                         | 411-430    | N <sub>2</sub> (337) <sup>5</sup> | p-Dioxane | $1.2 \times 10^{-3}$                                      |                    |                   |

c = cyclohexane; e = ethanol

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