



## LIGHT EMITTING OLIGOMER ADS085BE

### INTRODUCTION

American Dye Source, Inc. offers from gram to kilogram quantity conjugated polymers, which are derived from benzothiazole, carbazole fluorene, phenylene, phenylene-vinylene and thiophene. We supply these products in solid forms or in solutions.

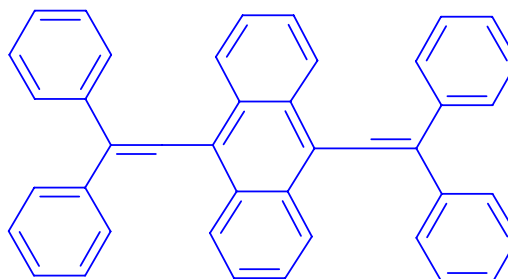
### DESCRIPTION

**ADS085BE** is 4,4'-Bis(diphenylvinylenyl)-anthracene. ADS085BE is highly soluble in tetrahydrofuran. ADS085BE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

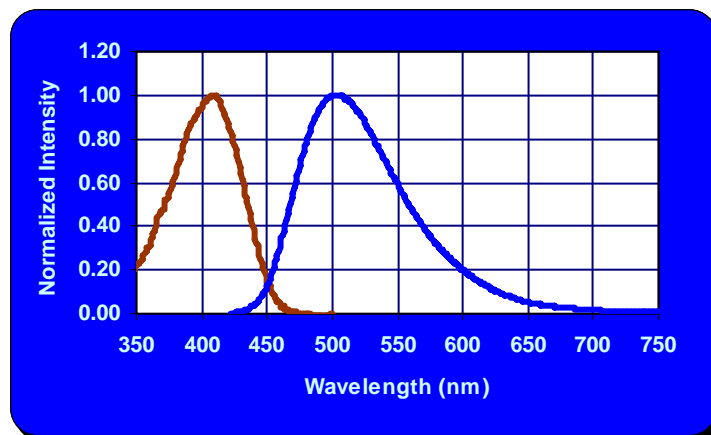
### TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 534.70 g mol<sup>-1</sup>
- ❑ Melting Point: 289 – 291 °C
- ❑ Absorption maximum: 409 nm
- ❑ Photoluminescent maximum: 504 nm
- ❑ Storage: under Nitrogen atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS085BE in THF solution

### CONTACT INFORMATION

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