



## LIGHT EMITTING OLIGOMER ADS080BE

### 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.

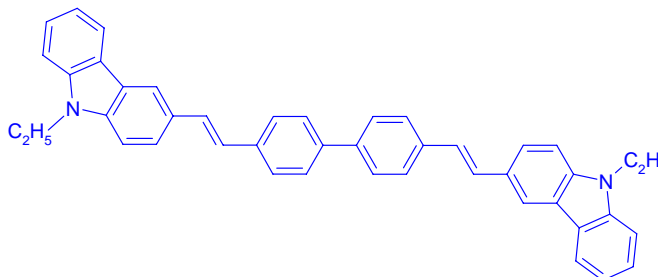
### DESCRIPTION

**ADS080BE** is 4,4'-Bis(9-ethyl-3-carbazovinylylene)-1,1'-biphenyl. ADS080BE is highly soluble in tetrahydrofuran. ADS080BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

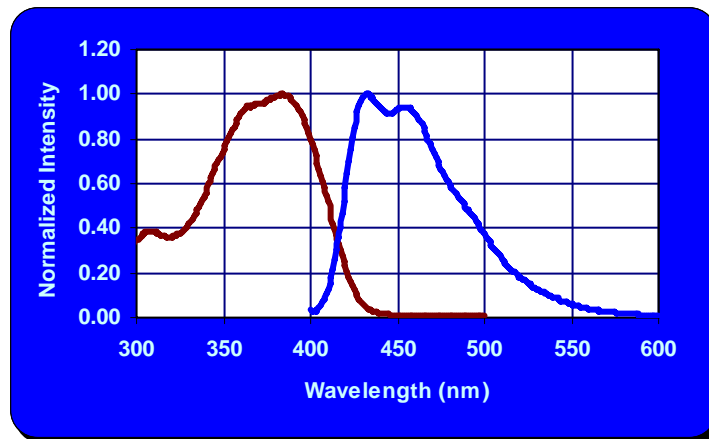
### TECHNICAL DATA

- Appearance: Pale powder
- Molecular Weight: 592.79 g mol<sup>-1</sup>
- Melting Point: 337 – 339 °C
- Absorption maximum: 384 nm
- Photoluminescent maximum: 432 nm
- Storage: under Nitrogen atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS080BE in THF solution

### CONTACT INFORMATION

#### American Dye Source, Inc.

555 Morgan Boulevard  
Baie d'Urfe, Quebec, Canada H9X 3T6  
Tel. 514 457-0070  
Fax 514 457-0071  
Website: [www.adsdyes.com](http://www.adsdyes.com)  
E-mail: [info@adsdyes.com](mailto:info@adsdyes.com)

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