



LIGHT EMITTING OLIGOMER ADS082BE

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.

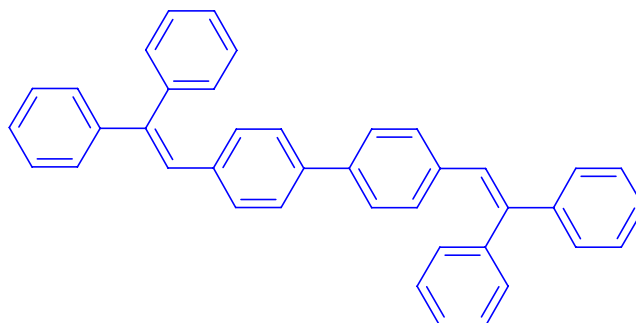
DESCRIPTION

ADS082BE is 4'4-Bis(diphenylvinylenyl)-biphenyl. ADS082BE is highly soluble in tetrahydrofuran. ADS082BE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

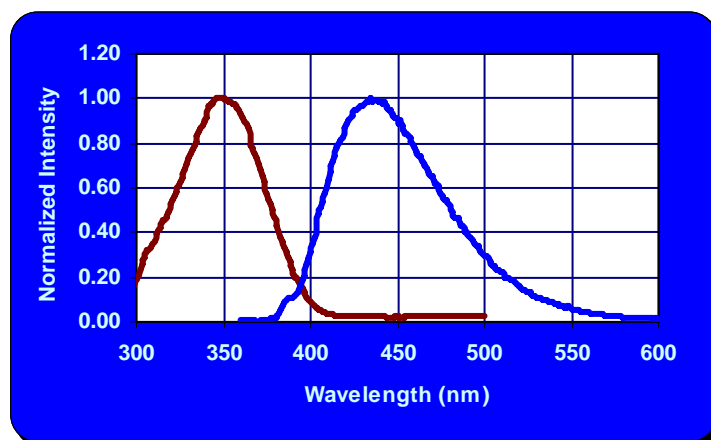
TECHNICAL DATA

- ❑ Appearance: White Powder
- ❑ Molecular Weight: 510.69 g mol⁻¹
- ❑ Melting Point: 203 – 206 °C
- ❑ Absorption maximum: 349 nm
- ❑ Photoluminescent maximum: 435 nm
- ❑ Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS082BE in THF solution

CONTACT INFORMATION

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