



LIGHT EMITTING OLIGOMER ADS081BE

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.

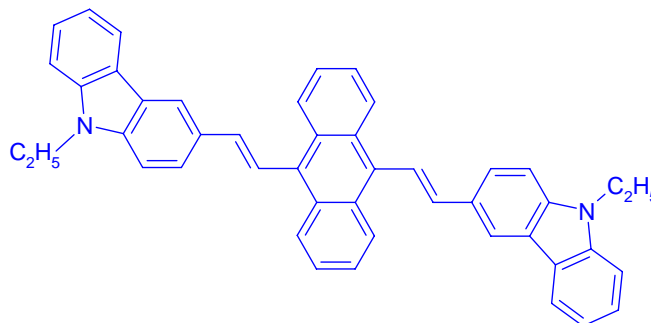
DESCRIPTION

ADS081BE is 9,10-Bis[(9-ethyl-3-carbazoyl)-vinylenyl]-anthracene. ADS081BE is highly soluble in tetrahydrofuran. ADS081BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

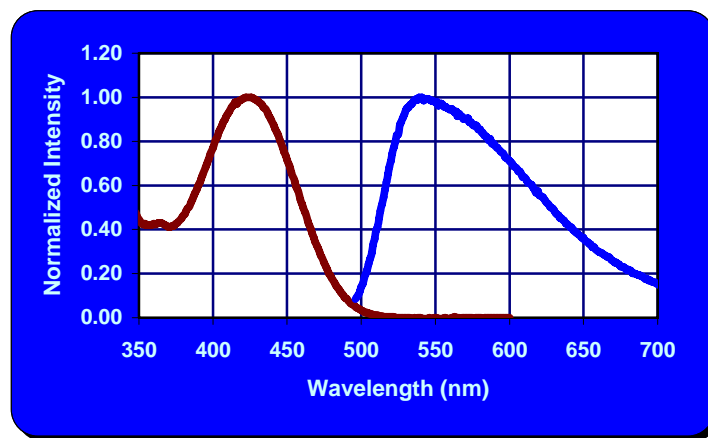
TECHNICAL DATA

- ❑ Appearance: Light Orange Powder
- ❑ Molecular Weight: 616.81 g mol⁻¹
- ❑ Melting Point: 307 – 309 °C
- ❑ Absorption maximum: 425 nm
- ❑ Photoluminescent maximum: 539 nm
- ❑ Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS081BE in THF solution

CONTACT INFORMATION

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