



LIGHT EMITTING OLIGOMER ADS086BE

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.

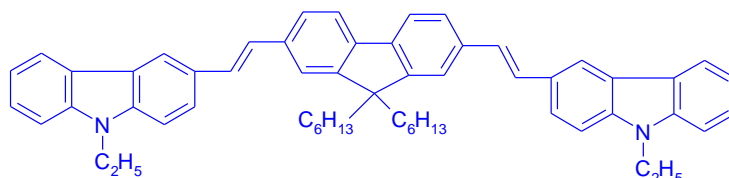
DESCRIPTION

ADS086BE is 1,4-Bis(9-ethyl-3-carbazovinylylene)-9,9-dihexyl-fluorene. ADS086BE is highly soluble in tetrahydrofuran. ADS086BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

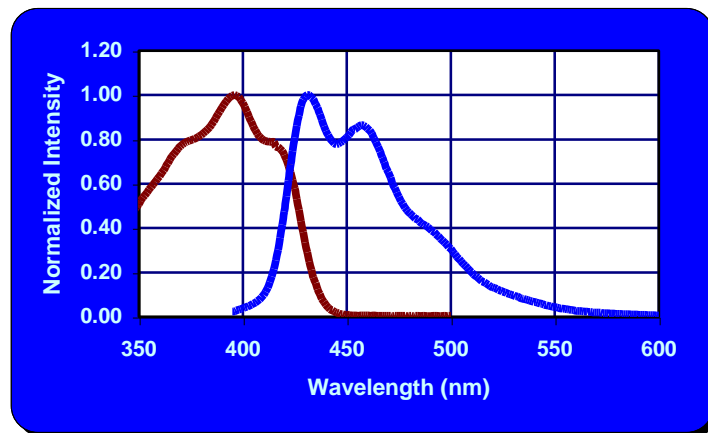
TECHNICAL DATA

- Appearance: Light Yellow Powder
- Molecular Weight: 773.12 g mol⁻¹
- Decomposition Temperature: > 250 °C
- Absorption maximum: 359 nm
- Photoluminescent maximum: 431 nm
- Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS086BE in THF solution

CONTACT INFORMATION

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