



LIGHT EMITTING OLIGOMER ADS084BE

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.

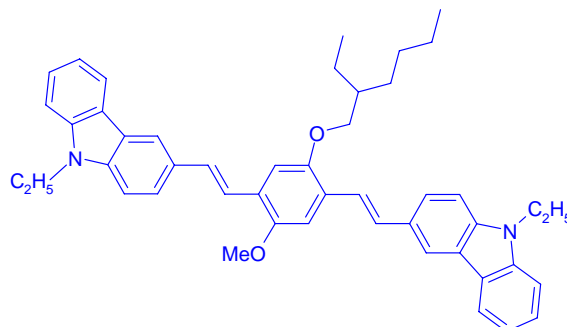
DESCRIPTION

ADS084BE is 1,4-Bis(9-ethyl-3-carbazovinylylene)-2-methoxy-5-(2-thylhexyloxy)-benzene. ADS084BE is highly soluble in tetrahydrofuran. ADS084BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

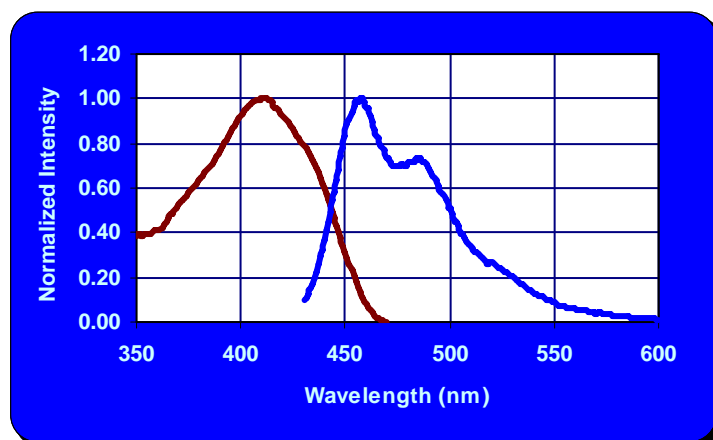
TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 646.88 g mol⁻¹
- ❑ Melting Point: 184 – 186 °C
- ❑ Absorption maximum: 412 nm
- ❑ Photoluminescent maximum: 458 nm
- ❑ Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS084BE in THF solution

CONTACT INFORMATION

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