



HOLE TRANSPORT MATERIAL ADS05HTM

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.

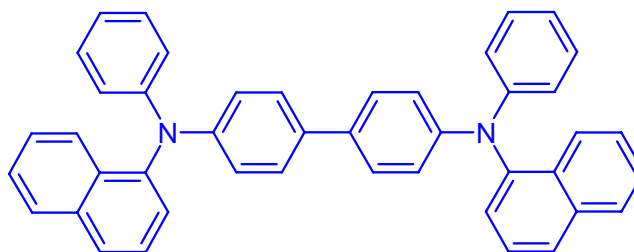
DESCRIPTION

ADS05HTM is *N,N'*-bis(1-naphtalenyl)-*N,N'*-bis(phenylbenzidine). ADS05HTM is highly soluble in toluene and tetrahydrofuran. ADS05HTM can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

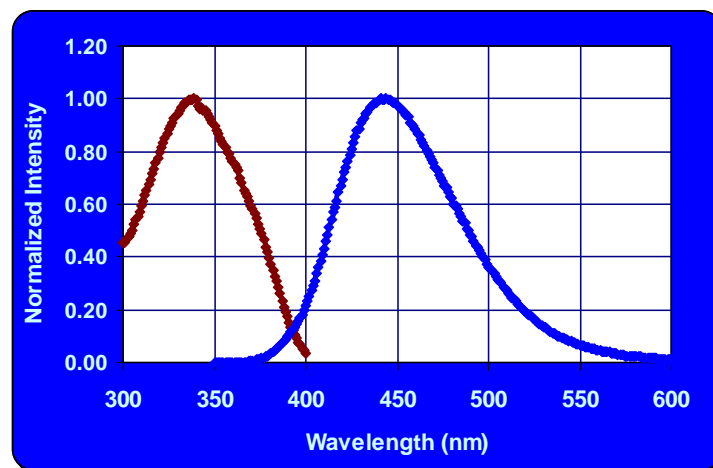
TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 588.76 g mol⁻¹
- ❑ Melting Point: 277 – 279 °C
- ❑ Absorption maximum: 339 nm
- ❑ Photoluminescent maximum: 367 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS05HTM 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
 E-mail: info@adsdyes.com

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