



## HOLE TRANSPORT MATERIAL ADS01HTM

### 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.

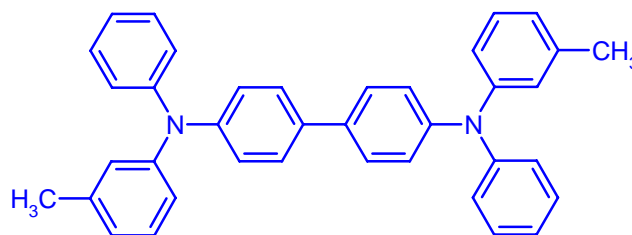
### DESCRIPTION

**ADS01HTM** is *N,N'*-Bis(3-methylphenyl)-*N,N'*-bis(phenyl)benzidine. ADS01HTM is highly soluble in toluene and tetrahydrofuran. ADS01HTM can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

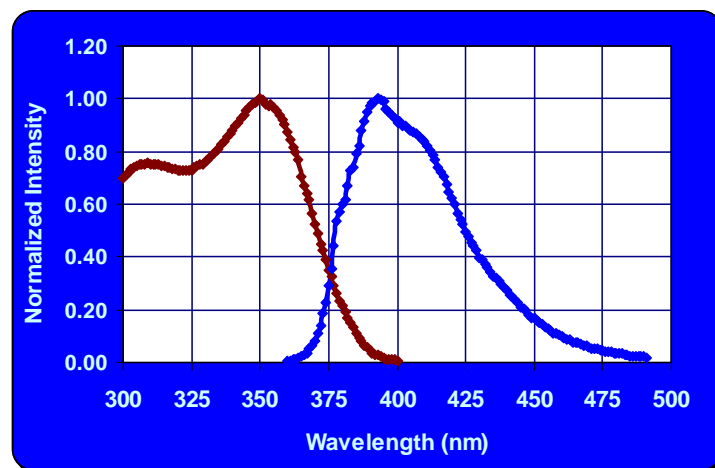
### TECHNICAL DATA

- ❑ Appearance: White Powder
- ❑ Molecular Weight: 516.69 g mol<sup>-1</sup>
- ❑ Melting Point: 169.9 –173.8 °C
- ❑ Absorption maximum: 350 nm
- ❑ Photoluminescent maximum: 393 nm
- ❑ Storage: under Argon atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS01HTM in THF solution

### CONTACT INFORMATION

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