

HOLE TRANSPORT MATERIAL ADS12HTM

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.

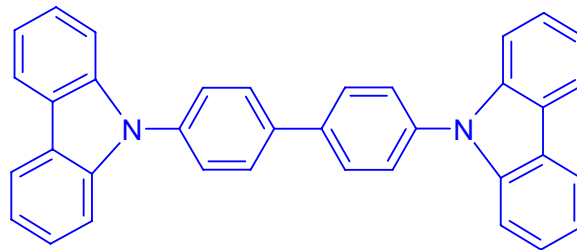
DESCRIPTION

ADS12HTM is 4,4',N,N'-Diphenylcarbazole. ADS12HTM is highly soluble in toluene and tetrahydrofuran. ADS12HTM can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

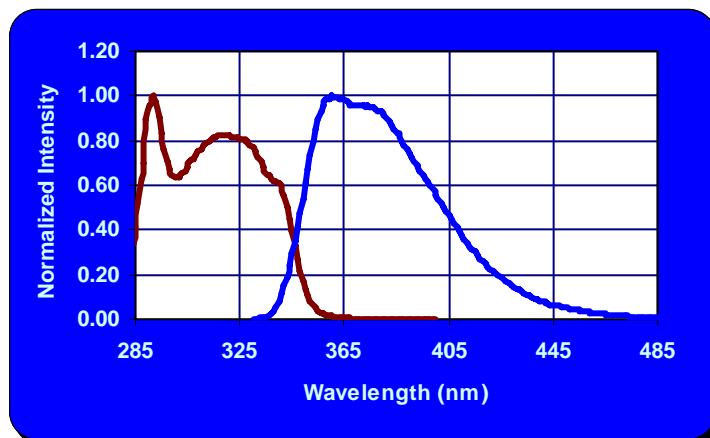
TECHNICAL DATA

- ❑ Appearance: White Crystals
- ❑ Molecular Weight: 484.61 g mol⁻¹
- ❑ Melting Point: 281 – 284 °C
- ❑ Absorption maximum: 292 nm
- ❑ Photoluminescent maximum: 360 nm
- ❑ Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS12HTM in THF solution

CONTACT INFORMATION

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