



ELECTROFLUORESCENT METAL COMPLEX ADS057RE

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.

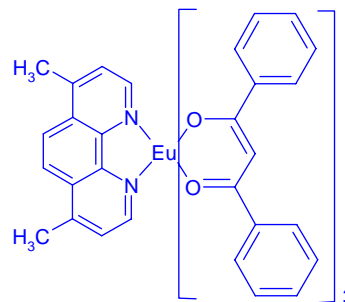
DESCRIPTION

ADS057RE is Tris(dibenzoylmethane)-mono(4,7-diphenylphenanthroline)europium (III). ADS057RE is highly soluble in toluene and tetrahydrofuran. ADS057RE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

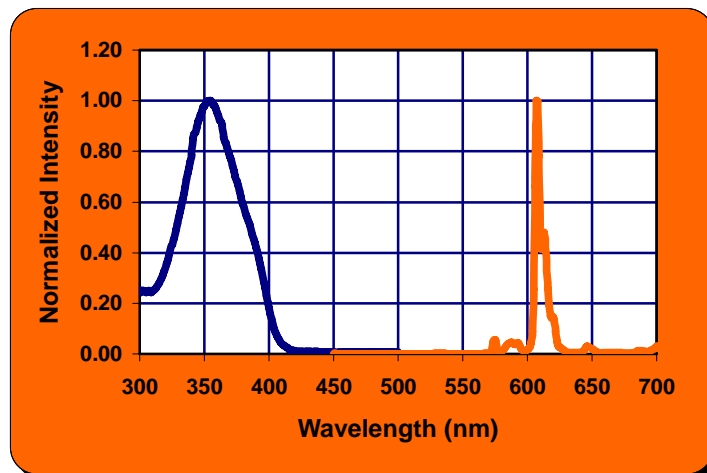
TECHNICAL DATA

- ❑ Appearance: White Powder
- ❑ Molecular Weight: 1030.02 g mol⁻¹
- ❑ Melting Point: 261 - 264 °C
- ❑ Absorption maximum: 355 nm
- ❑ Photoluminescent maximum: 607 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS057RE in THF solution

CONTACT INFORMATION

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