

ELECTROFLUORESCENT METAL COMPLEX ADS056RE

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.

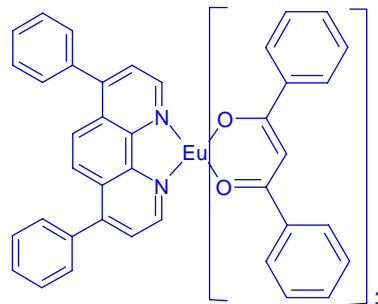
DESCRIPTION

ADS056RE is Tris(dibenzoylmethane)-mono(4,7-diphenylphenanthroline)-europium (III). ADS056RE is highly soluble in toluene and tetrahydrofuran. ADS056RE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

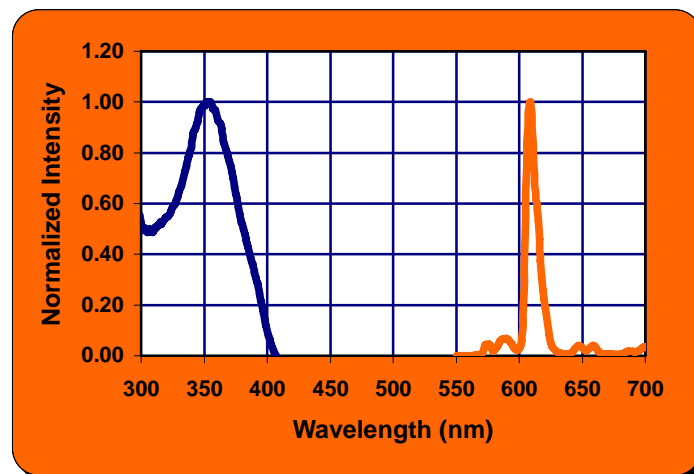
TECHNICAL DATA

- ❑ Appearance: White Powder
- ❑ Molecular Weight: 1154.12 g mol⁻¹
- ❑ Melting Point: 191 –192 °C
- ❑ Absorption maximum: 355 nm
- ❑ Photoluminescent maximum: 609 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS056RE in THF solution

CONTACT INFORMATION

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