



ELECTROFLUORESCENT METAL COMPLEX ADS055RE

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.

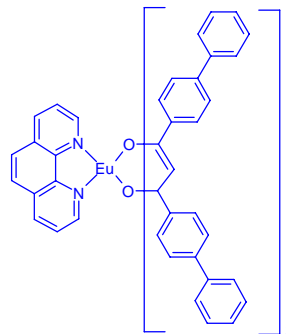
DESCRIPTION

ADS055RE is Tris(dibiphenylmethane)-mono(phenanthroline)europium (III). **ADS055RE** is highly soluble in toluene and tetrahydrofuran. **ADS055RE** can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

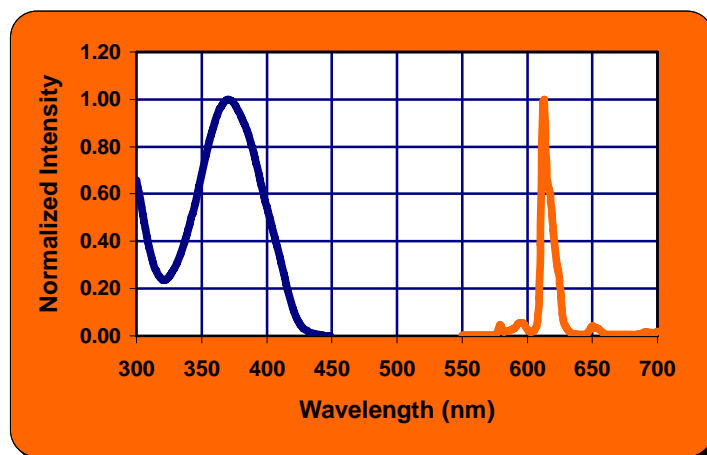
TECHNICAL DATA

- ❑ Appearance: Pale Powder
- ❑ Molecular Weight: 1458.51 g mol⁻¹
- ❑ Melting Point: 274 – 276 °C
- ❑ Absorption maximum: 371 nm
- ❑ Photoluminescent maximum: 613 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS055RE in THF solution

CONTACT INFORMATION

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