



ELECTROFLUORESCENT METAL COMPLEX ADS053RE

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.

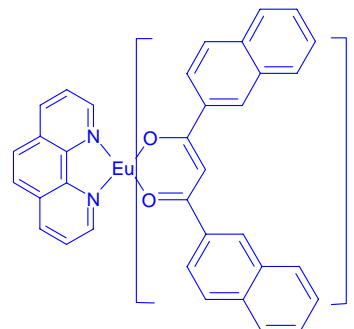
DESCRIPTION

ADS053RE is Tris(dinaphtoylmethane)-mono(phenanthroline)europium (III). ADS053RE is highly soluble in toluene and tetrahydrofuran. ADS053RE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

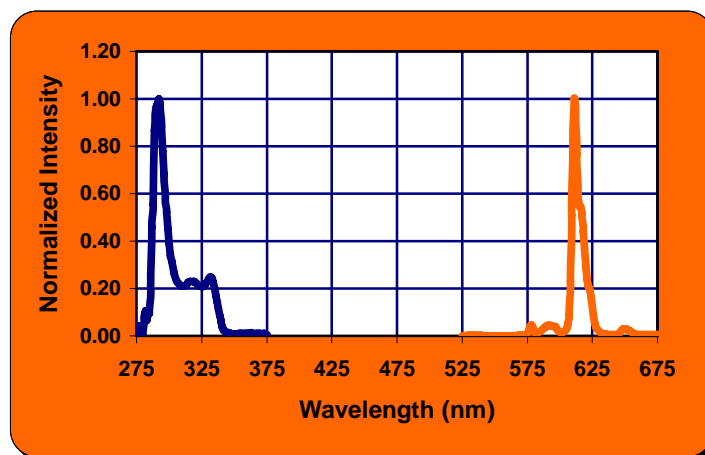
TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 1303.32 g mol⁻¹
- ❑ Melting Point: 285 -289 °C
- ❑ Absorption maximum: 292 nm
- ❑ Photoluminescent maximum: 611 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS053RE in THF solution

CONTACT INFORMATION

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