



ELECTROPHOSPHORESCENT METAL COMPLEX ADS077RE

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.

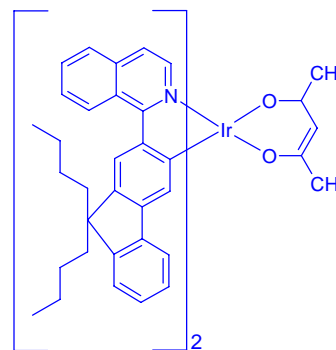
DESCRIPTION

ADS077RE is Bis(2-(9,9-dibutylfluorenyl)-1-isoquinoline(acetylacetonate)). ADS077RE is highly soluble in toluene and tetrahydrofuran. ADS077RE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

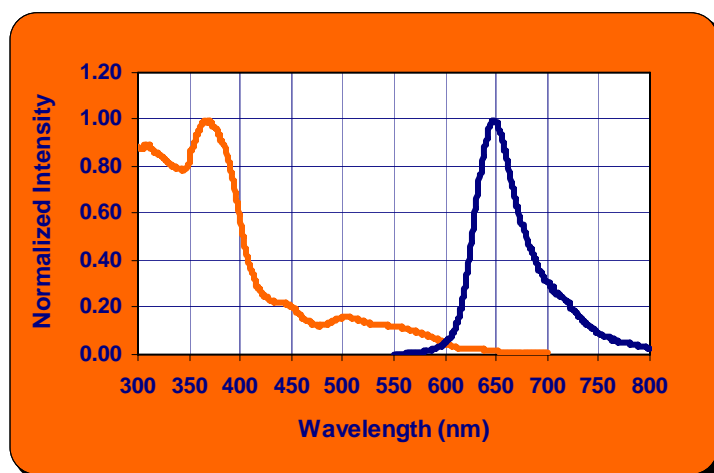
TECHNICAL DATA

- ❑ Appearance: Red powder
- ❑ Molecular Weight: 1103.49 g mol⁻¹
- ❑ Melting Point: 374 – 384 °C
- ❑ Absorption maximum: 366 nm
- ❑ Photoluminescent maximum: 647 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS077RE in THF solution

CONTACT INFORMATION

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