



ELECTROPHOSPHORESCENT METAL COMPLEX

ADS078GE

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

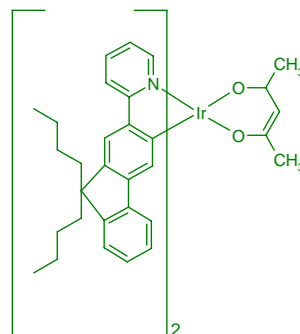
ADS078GE is Bis(2-(9,9-dihexylfluorenyl)-1-pyridine)(acetylacetonate)iridium(III).

ADS078GE is highly soluble in toluene and tetrahydrofuran. ADS078GE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

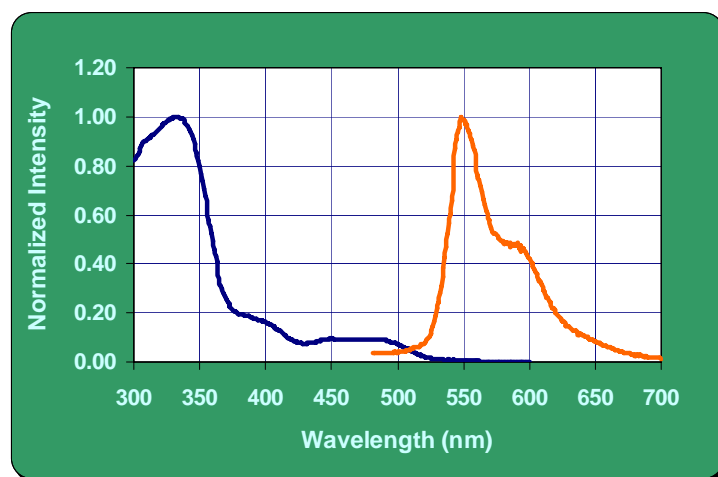
TECHNICAL DATA

- ❑ Appearance: Orange Powder
- ❑ Molecular Weight: 1115.59 g mol⁻¹
- ❑ Decomposition Temperature: > 350 °C
- ❑ Absorption maximum: 332 nm
- ❑ Photoluminescent maximum: 548 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS078GE in THF solution

CONTACT INFORMATION

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