



ELECTROPHOSPHORESCENT METAL COMPLEX

ADS070BE

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.

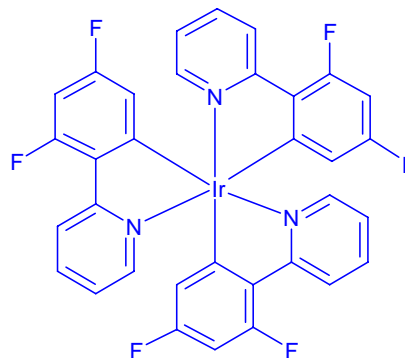
DESCRIPTION

ADS070BE is Tris(2-(2,4-difluorophenyl)pyridine)iridium (III). ADS070BE is highly soluble in toluene and tetrahydrofuran. ADS070BE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

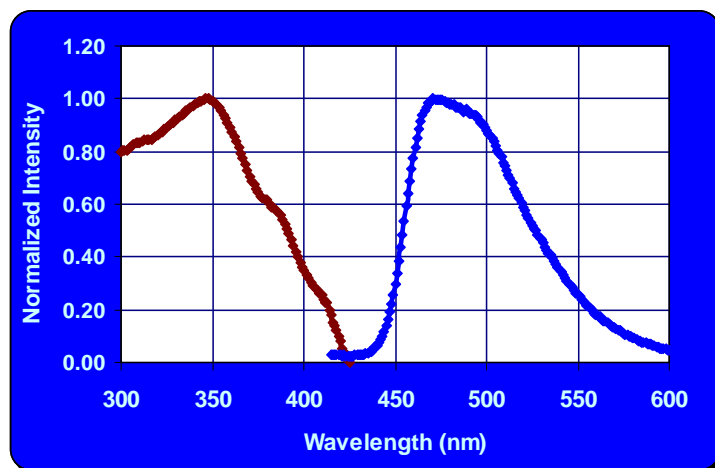
TECHNICAL DATA

- ❑ Appearance: Yellow powder
- ❑ Molecular Weight: 762.72 g mol⁻¹
- ❑ Decomposition Temperature: 425 °C
- ❑ Absorption maximum: 347 nm
- ❑ Photoluminescent maximum: 471 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS070BE in THF solution

CONTACT INFORMATION

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