

ELECTROPHOSPHORESCENT METAL COMPLEX

ADS065BE

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.

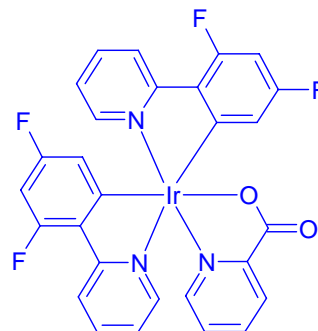
DESCRIPTION

ADS065BE is Iridium (III) bis(2-(4,6-difluorephenyl)pyridinato-N,C²). ADS065BE is highly soluble in toluene and tetrahydrofuran. ADS065BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

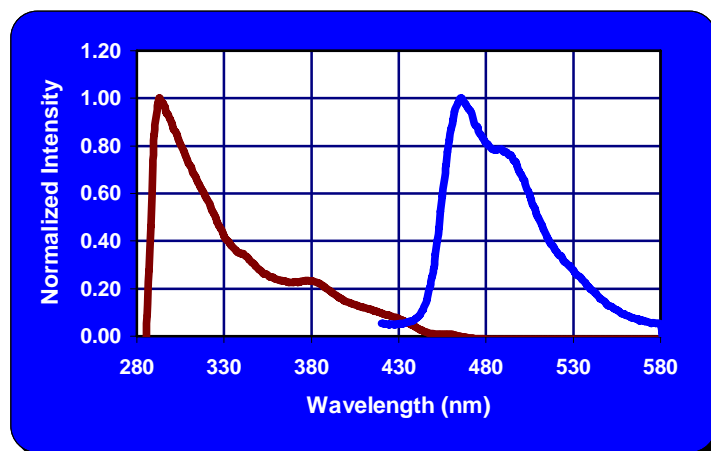
TECHNICAL DATA

- ❑ Appearance: Yellow powder
- ❑ Molecular Weight: 694.67 g mol⁻¹
- ❑ Melting Point: 347 - 353 °C
- ❑ Absorption maximum: 293 nm
- ❑ Photoluminescent maximum: 466 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS065BE in THF solution

CONTACT INFORMATION

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