



## ELECTROPHOSPHORESCENT METAL COMPLEX

# ADS068RE

### 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.

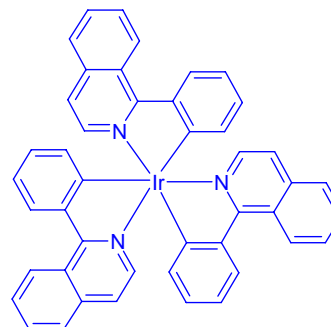
### DESCRIPTION

**ADS068RE** is Tris(1-phenylisoquinoline) iridium (III). ADS068RE is highly soluble in toluene and tetrahydrofuran. ADS068RE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

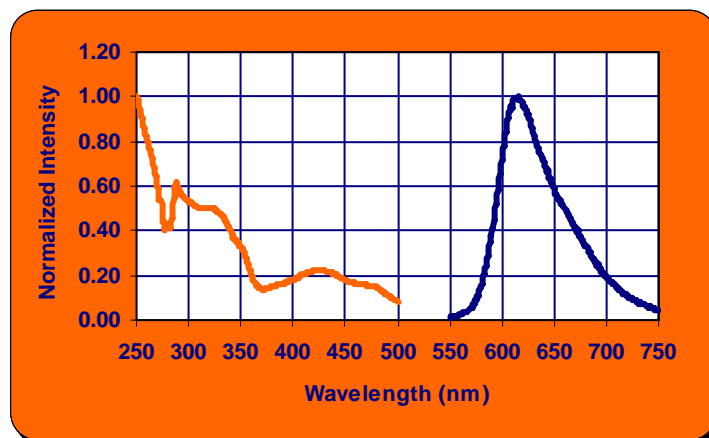
### TECHNICAL DATA

- ❑ Appearance: Red powder
- ❑ Molecular Weight: 804.98 g mol<sup>-1</sup>
- ❑ Melting Point: 441 - 446 °C
- ❑ Absorption maximum: 250 nm
- ❑ Photoluminescent maximum: 615 nm
- ❑ Storage: under Argon atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS068RE in THF solution

### CONTACT INFORMATION

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