



## ELECTROPHOSPHORESCENT METAL COMPLEX

# ADS060GE

### 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.

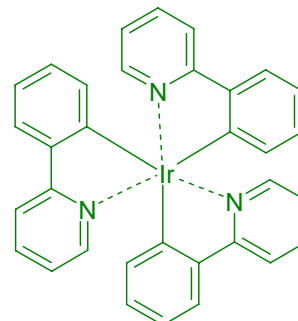
### DESCRIPTION

**ADS060GE** is Tris(2-phenylpyridine)iridium (III). ADS060GE is highly soluble in toluene and tetrahydrofuran. ADS060GE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

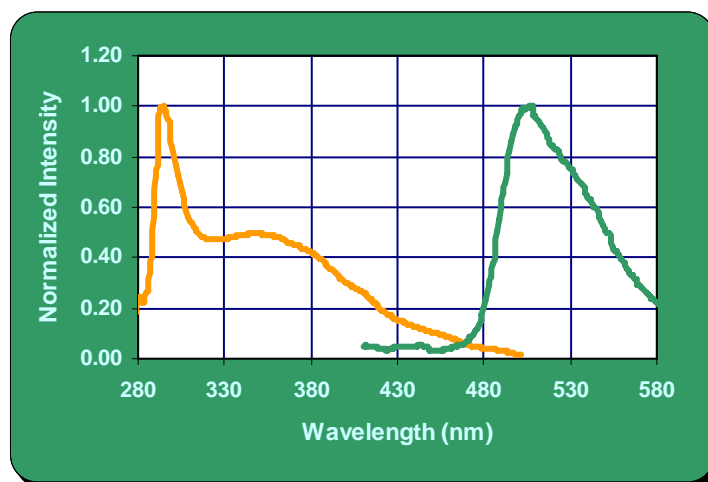
### TECHNICAL DATA

- ❑ Appearance: Yellow-green powder
- ❑ Molecular Weight: 654.82 g mol<sup>-1</sup>
- ❑ Melting Point: 447 - 454 °C
- ❑ Absorption maximum: 295 nm
- ❑ Photoluminescent maximum: 507 nm
- ❑ Storage: under Argon atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS060GE in THF solution

### CONTACT INFORMATION

#### American Dye Source, Inc.

555 Morgan Boulevard  
 Baie d'Urfe, Quebec, Canada H9X 3T6  
 Tel. 514 457-0070  
 Fax 514 457-0071  
 Website: [www.adsdyes.com](http://www.adsdyes.com)  
 E-mail: [info@adsdyes.com](mailto:info@adsdyes.com)

### DISCLAIMER

The information in this bulletin is believed to be accurate, but all recommendations are made without warranty since the conditions of use are beyond the control of American Dye Source, Inc. The listed properties are illustrative only, and not product specifications. American Dye Source, Inc. disclaims any liability in connection with the use of the information, and does not warrant against infringement by reason of the use of its products in combination with other material or in any process.