



## ELECTROFLUORESCENT METAL COMPLEX

# ADS045YE

### 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.

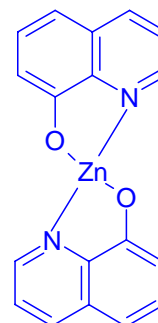
### DESCRIPTION

**ADS045YE** is Bis(8-hydroxyquinolinato)zinc. ADS045YE is highly soluble in toluene and tetrahydrofuran. ADS045YE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

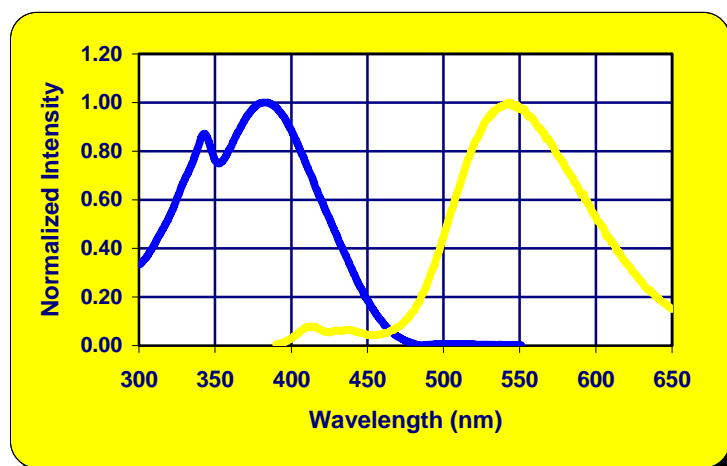
### TECHNICAL DATA

- ❑ Appearance: Yellow Powder
- ❑ Molecular Weight: 353.59 g mol<sup>-1</sup>
- ❑ Decomposition Temperature: > 360 °C
- ❑ Absorption maximum: 383 nm
- ❑ Photoluminescent maximum: 540 nm
- ❑ Storage: under Argon atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS045YE in THF solution

### CONTACT INFORMATION

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