



## ELECTROFLUORESCENT METAL COMPLEX ADS041BE

### 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.

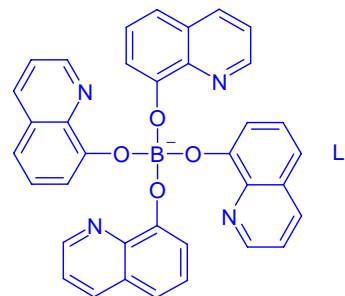
### DESCRIPTION

**ADS041BE** is Lithium tetra(8-hydroxy-quinolinato)boron. ADS041BE is highly soluble in toluene and tetrahydrofuran. ADS041BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

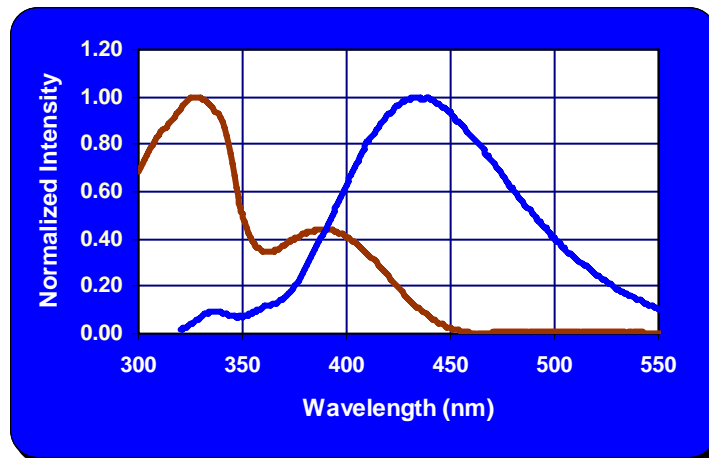
### TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 594.36 g mol<sup>-1</sup>
- ❑ Melting Point: 361 – 364 °C
- ❑ Absorption maximum: 328 nm
- ❑ Photoluminescent maximum: 512 nm
- ❑ Storage: under Argon atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS041BE 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)

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