



## ELECTROFLUORESCENT METAL COMPLEX ADS040BE

### 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.

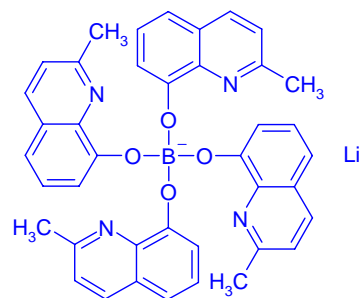
### DESCRIPTION

**ADS040BE** is Lithium tetra(2-methyl-8-hydroxyquinolino)boron. **ADS040BE** is highly soluble in toluene and tetrahydrofuran. **ADS040BE** can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

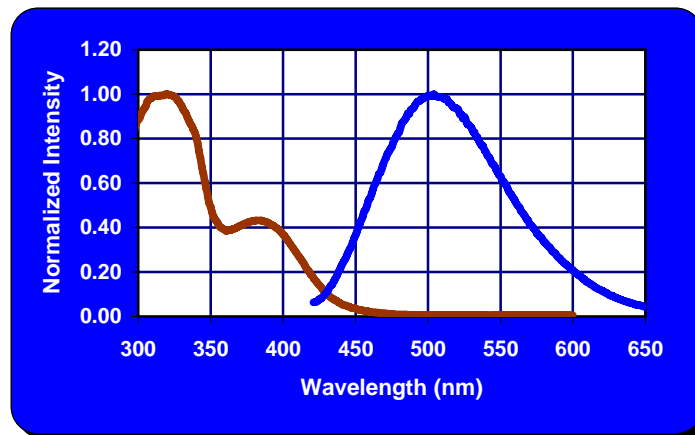
### TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 650.47 g mol<sup>-1</sup>
- ❑ Melting Point: 225 – 229 °C
- ❑ Absorption maximum: 320 nm
- ❑ Photoluminescent maximum: 504 nm
- ❑ Storage: under Argon atmosphere

### STRUCTURE



### SPECTRA



Absorption and photoluminescent spectra of ADS040BE in THF solution

### CONTACT INFORMATION

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