



ELECTROPHOSPHORESCENT METAL COMPLEX

ADS061GE

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.

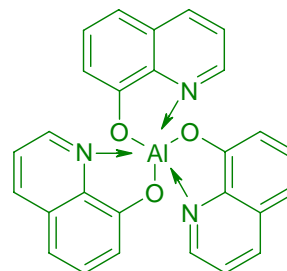
DESCRIPTION

ADS061GE is Tris(8-Hydroxyquinolato)-aluminum (III). ADS061GE is highly soluble in toluene and tetrahydrofuran. ADS061GE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

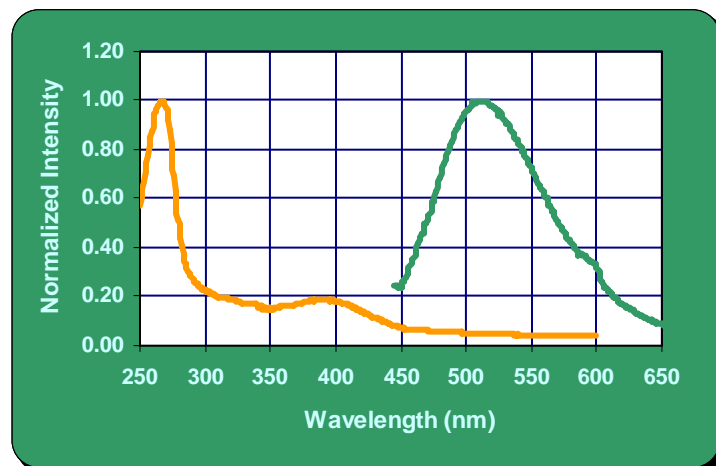
TECHNICAL DATA

- ❑ Appearance: White Powder
- ❑ Molecular Weight: 458.98 g mol⁻¹
- ❑ Melting Point: 413 – 415 °C
- ❑ Absorption maximum: 267 nm
- ❑ Photoluminescent maximum: 511 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS061GE 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
 E-mail: info@adsdyes.com

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