

ELECTROPHOSPHORESCENT METAL COMPLEX ADS063GE

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.

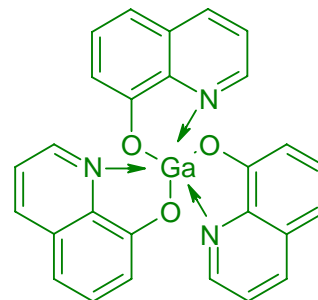
DESCRIPTION

ADS063GE is Tris(8-hydroxyquinolato)gallium (III). ADS063GE is highly soluble in toluene and tetrahydrofuran. ADS063GE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

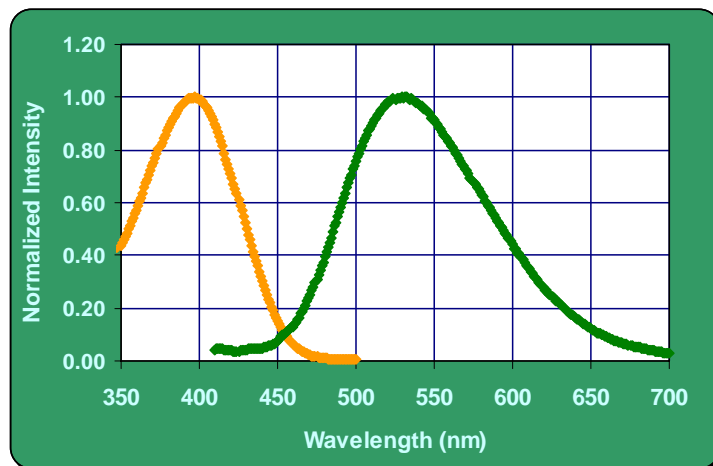
TECHNICAL DATA

- ❑ Appearance: Yellow fibers or powder
- ❑ Molecular Weight: 501.72 g mol⁻¹
- ❑ Melting Point: 404 - 407 °C
- ❑ Absorption maximum: 397 nm
- ❑ Photoluminescent maximum: 529 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS063GE in THF solution

CONTACT INFORMATION

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