



ELECTROPHOSPHORESCENT METAL COMPLEX

ADS090GE

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

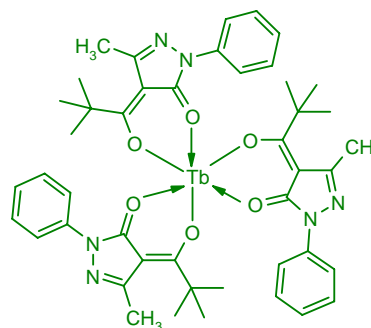
ADS090GE is Tris(3-methyl-1-phenyl-4-trimethyl-acetyl-5-pyrazoline)terbium(III).

ADS090GE is highly soluble in toluene and tetrahydrofuran. ADS090GE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

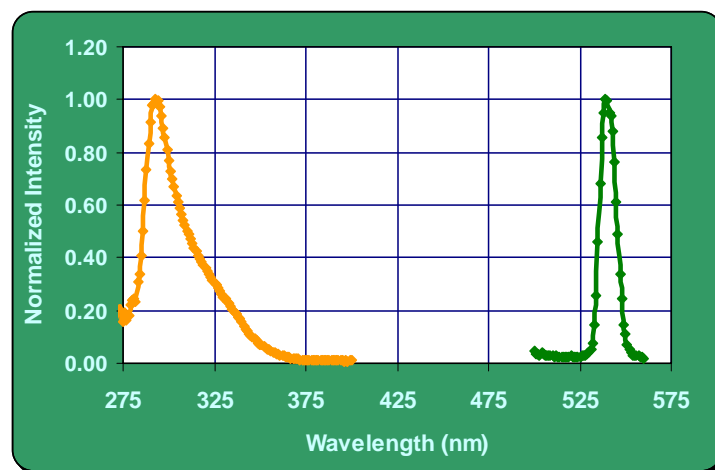
TECHNICAL DATA

- ❑ Appearance: White fibers or powder
- ❑ Molecular Weight: 930.86 g mol⁻¹
- ❑ Melting Point: 258 – 260 °C
- ❑ Absorption maximum: 293 nm
- ❑ Photoluminescent maximum: 539 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS090GE in THF solution

CONTACT INFORMATION

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