



SOLUBLE FULLERENE FOR APPLICATIONS IN ORGANIC SOLAR CELLS ADS62BFA

INTRODUCTION

Fullerenes can be used in various applications including antioxidants, biopharmaceuticals and electronic devices. American Dye Source, Inc. is now offering from gram to kilogram quantity of high purity C60, C70 and their chemical modified derivatives. We also provide custom synthesis of modified fullerenes according to the customer's specifications.

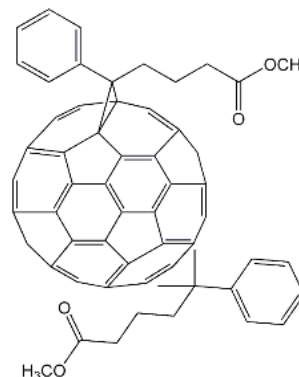
DESCRIPTION

ADS62BFA is Bis(1-[3-(methoxycarbonyl)propyl]-1-phenyl)-[6.6]C62. **ADS62BFA** is highly soluble in toluene and chlorobenzene. This compound can achieve up to 20% higher power conversion efficiencies over regular [60]PCBM in P3HT photovoltaic devices.*

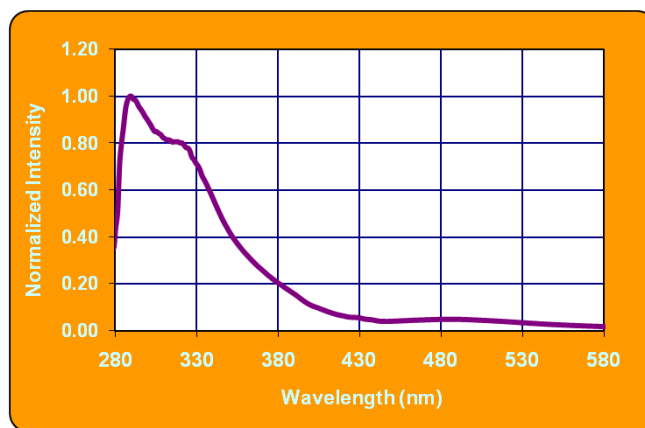
TECHNICAL DATA

- Appearance: crystalline dark brown powder
- Purity: > 99.5 %
- Absorption maximum: 290 nm
- Shelf life: 12 months

STRUCTURE



SPECTRA



Absorption spectra of **ADS62BFA** in toluene solution

CONTACT INFORMATION

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