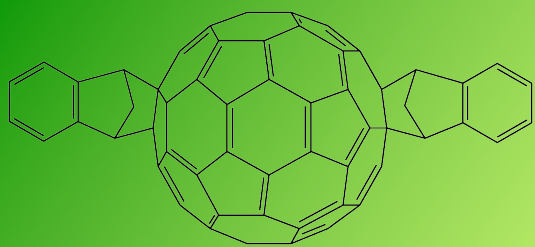


## Product Specification

## SOL5065

### Structure



IC<sub>60</sub>BA  
Indene C<sub>60</sub> Bis Adduct

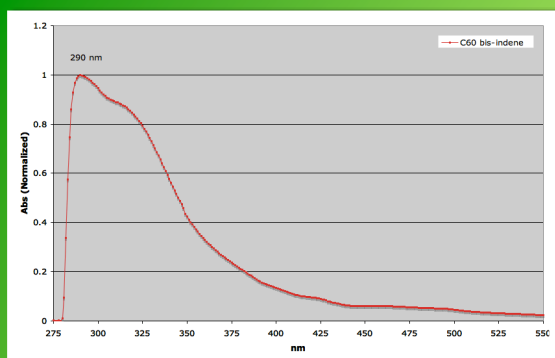
### Introduction

Solaris Chem offers a variety of high purity electronic grade C<sub>60</sub>, C<sub>70</sub> and C<sub>84</sub> Fullerene derivatives specially formulated for their use in active layers of organic electronic devices.

### Description

**SOL5065**, Indene C<sub>60</sub> Bis Adduct or IC<sub>60</sub>BA. Used as an electron acceptor from Donor materials such as P3HT (SOL4106) to make high V<sub>oc</sub>, high PCE BHJ Organic Solar Cells.

### UV-Vis Spectra



In Toluene

### Technical Data

- >99 % purity by HPLC (over all bis adduct isomers)
- >0.85 V<sub>oc</sub> (with P3HT)
- HOMO: -5.94 eV, LUMO: -3.74 eV
- High Solubility in organic Solvents

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