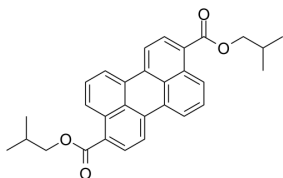


## Certificate of Analysis

**Product Name:** Diisobutyl perylene-3,9-dicarboxylate  
**Cat. No.:** CS-0010275  
**CAS No.:** 2744-50-5  
**Batch No.:** Lf0115118739  
**Chemical Name:** 3,9-Perylenedicarboxylic acid, 3,9-bis(2-methylpropyl) ester

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>30</sub>H<sub>28</sub>O<sub>4</sub>  
**Molecular Weight:** 452.54  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Yellow to orange (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (HPLC):** 97.92%  
**Water(KF):** 0.04%  
**Residue on Ignition:** 0.30%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA