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**Product Data Sheet**

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Product Name: Bis[3,4,6-trichloro-2-(pentylloxycarbonyl)phenyl] oxalate

Cat. No.: GC66485

**Chemical Properties**

Cas. No. 30431-54-0

Formula  $C_{26}H_{24}Cl_6O_8$  M.Wt 677.18Solubility Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Bis[3,4,6-trichloro-2-(pentylloxycarbonyl)phenyl] oxalate is a highly reactive peroxalate and can be used to detect  $H_2O_2$  with fluorescent dyes<sup>[1]</sup>.

[1]. Singh A, et al. Biolighted Nanotorch Capable of Systemic Self-Delivery and Diagnostic Imaging. ACS Nano. 2015 Oct 27;9(10):9906-11.

[2]. Kakino Ryuki, et al. Synthesis of Trifluoromethyl Ketones by Palladium-Catalyzed Cross-Coupling Reaction of Phenyl Trifluoroacetate with Organoboron Compounds. Bulletin of the Chemical Society of Japan. Volume 74, Issue 2.

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

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