

---

**Product Data Sheet**

---

Product Name: Thianthrene

Cat. No.: GC68232

**Chemical Properties**

Cas. No. 92-85-3

Formula  $C_{12}H_8S_2$  M.Wt 216.32

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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**

Thianthrene, a sulfur-containing heterocyclic compound, is a derivative of dithiin. Thianthrene can be used in the research of dermal infections, in which it interferes with enzyme and nucleic acid function<sup>[1]</sup>.

[1]. Mitchell SC, et al. Fate of thianthrene in biological systems. Xenobiotica. 2017 Aug;47(8):731-740.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA