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**Product Data Sheet**

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Product Name: Neoprocurcumenol

Cat. No.: GC69550

**Chemical Properties**

Cas. No. 102130-91-6

Formula  $C_{15}H_{22}O_2$  M.Wt 234.33Solubility 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**

Neoprocurcumenol is a larvicidal compound that exerts significant toxicity on mosquito larvae with  $LC_{50}$  and  $LC_{90}$  values of 13.69 and 23.92 ppm, respectively<sup>[1]</sup>.

[1]. Madhu SK, et al. Efficacy of bioactive compounds from *Curcuma aromatica* against mosquito larvae. *Acta Trop.* 2010 Jan;113(1):7-11.

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

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