

---

**Certificate of Analysis**

---

Product Name: Windorphen  
Cat. No.: GC12133  
Batch No.: 1  
Chemical Name: (E)-3-chloro-2,3-bis(4-methoxyphenyl)acrylaldehyde

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 19881-70-0  
Molecular Formula: C<sub>17</sub>H<sub>15</sub>ClO<sub>3</sub>  
Molecular Weight: 302.75  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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