

## Certificate of Analysis

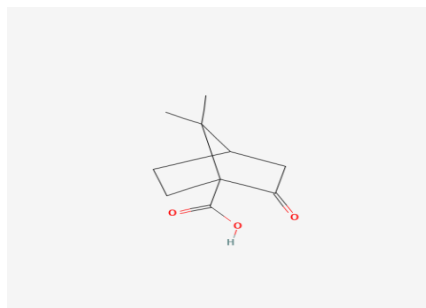
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Product Name: Ketopinic acid  
Cat. No.: GD05122  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 464-78-8  
Molecular Formula: C<sub>10</sub>H<sub>14</sub>O<sub>3</sub>  
Molecular Weight: 182.216  
Storage:

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
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.**

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