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**Certificate of Analysis**

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Product Name: H-Leu-OAll.TosOH  
Cat. No.: GA10078  
Batch No.: 1  
Chemical Name: 4-methylbenzenesulfonic acid;prop-2-enyl (2S)-2-amino-4-methylpentanoate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 88224-03-7  
Molecular Formula:  $C_9H_{17}NO_2.C_7H_8O_3S$   
Molecular Weight: 344.7  
Storage:  
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.**

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