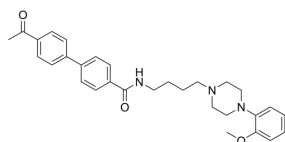


## Certificate of Analysis

**Product Name:** GR 103691  
**Cat. No.:** CS-0021267  
**CAS No.:** 162408-66-4  
**Batch No.:** 103852  
**Chemical Name:** [1,1'-Biphenyl]-4-carboxamide, 4'-acetyl-N-[4-[4-(2-methoxyphenyl)-1-piperazinyl]butyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>30</sub>H<sub>35</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight:** 485.62  
**Storage:** Storage temp. -20°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.95%  
**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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