

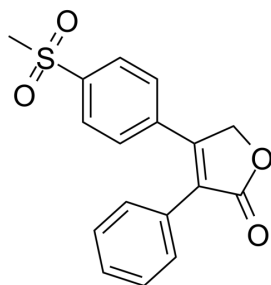
## Rofecoxib

Cat. No.: HY-17372  
CAS No.: 162011-90-7  
Batch No.: 34542  
Chemical Name: 2(5H)-Furanone, 4-[4-(methylsulfonyl)phenyl]-3-phenyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>S  
Molecular Weight: 314.36  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to green (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.91%  
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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