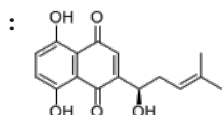


**Product Name** : Shikonin  
**Cat. No.** : PC-21476  
**CAS No.** : 517-89-5  
**Batch No.** : PC-2147601  
**Chemical Name** : (R)-5,8-Dihydroxy-2-(1-hydroxy-4-methylpent-3-en-1-yl)naphthalene-1,4-dione

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 288.3  
**Molecular Formula** : C<sub>16</sub>H<sub>16</sub>O<sub>5</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

## Chemical Structure



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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