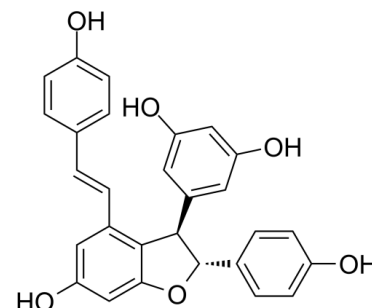


## Data Sheet

<b>Product Name:</b>	ε-Viniferin
<b>Cat. No.:</b>	CS-0024314
<b>CAS No.:</b>	62218-08-0
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>22</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	454.47
<b>Target:</b>	Cytochrome P450
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Solubility:</b>	10 mM in DMSO



### BIOLOGICAL ACTIVITY:

ε-Viniferin, the dimer of Resveratrol and isolated from **Vitis vinifera**, displays a potent inhibitory for all the **CYP** activities, with **K<sub>i</sub>** values from 0.5-20 μM. ε-Viniferin possesses potent antioxidant capacity<sup>[1][2]</sup>.

### References:

[1]. Piver B, et al. Differential inhibition of human cytochrome P450 enzymes by epsilon-viniferin, the dimer of resveratrol: comparison with resveratrol and polyphenols from alcoholized beverages. Life Sci. 2003 Jul 18;73(9):1199-213.

[2]. XAVIER VITRAC, et al. Determination of Stilbenes (δ-viniferin, trans-astringin, trans-piceid, cis- and trans-resveratrol, E-viniferin) in Brazilian Wines. J. Agric. Food Chem. 2005, 53, 5664-5669.

### CAIndexNames:

1,3-Benzenediol, 5-[(2R,3R)-2,3-dihydro-6-hydroxy-2-(4-hydroxyphenyl)-4-[(1E)-2-(4-hydroxyphenyl)ethenyl]-3-benzofuranyl]-

### SMILES:

OC1=CC([C@H]2[C@H](C3=CC=C(O)C=C3)OC4=CC(O)=CC(/C=C/C5=CC=C(O)C=C5)=C24)=CC(O)=C1

**Caution: Product has not been fully validated for medical applications. For research use only.**

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