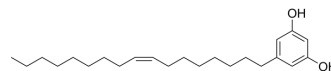


## 5-Heptadec-cis-8-enylresorcinol

Cat. No.:	HY-N2646
CAS No.:	52483-19-9
Molecular Formula:	C <sub>23</sub> H <sub>38</sub> O <sub>2</sub>
Molecular Weight:	346.55
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

5-Heptadec-cis-8-enylresorcinol is a 5-alkylresorcinol that can be isolated from etiolated rice seedlings. 5-Heptadec-cis-8-enylresorcinol is an antifungal agent against the rice blast fungus. 5-Heptadec-cis-8-enylresorcinol mediates DNA relaxation [1][2].

### REFERENCES

- [1]. Barr JR, et al. 5-Alkylresorcinols from *Hakea amplexicaulis* that cleave DNA. *Chem Res Toxicol*. 1988 Jul-Aug;1(4):204-7.
- [2]. Yoshikatsu Suzuki, et al. Isolation of 5-(8'-Z-heptadecenyl)-resorcinol from etiolated rice seedlings as an antifungal agent. *Phytochemistry*. April 1996, 1485-1489.

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

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