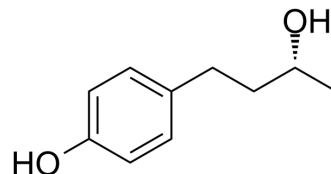


## Rhododendrol

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N0948  |
| CAS No.:           | 501-96-2  |
| Molecular Formula: | C <sub>10</sub> H <sub>14</sub> O <sub>2</sub>  |
| Molecular Weight:  | 166.22  |
| Target:            | Others  |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Rhododendrol can induce leukoderma. Rhododendrol induces generation of hydroxyl radicals and melanocyte cytotoxicity by increasing glutathione levels. Rhododendrol is a phenolic compound that can be isolated from plants such as *Acer nikoense* and *Betula platyphylla*<sup>[1]</sup>.

### REFERENCES

[1]. Gabe Y, et al. Substantial evidence for the rhododendrol-induced generation of hydroxyl radicals that causes melanocyte cytotoxicity and induces chemical leukoderma. *J Dermatol Sci*. 2018 Sep;91(3):311-316.

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

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