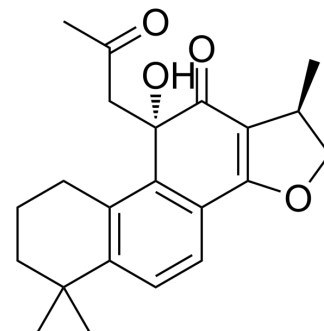


## Danshenol B

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-122963   |
| CAS No.:           | 189308-09-6   |
| Molecular Formula: | C <sub>22</sub> H <sub>26</sub> O <sub>4</sub>  |
| Molecular Weight:  | 354.44  |
| Target:            | Adenosine Receptor  |
| Pathway:           | GPCR/G Protein  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Danshenol B is a diterpenoid. Danshenol B has strong aldose reductase (AR) inhibitory activity with IC<sub>50</sub> value of 0.042 μM. Danshenol B can be used for the research of diabetic related complication resulted by metabolic abnormality, such as cataracts, retinopathy, neuropathy, and nephropathy<sup>[1]</sup>.

### REFERENCES

[1]. Tezuka Y, et al. Aldose reductase inhibitory constituents of the root of *Salvia miltiorhiza* Bunge. *Chem Pharm Bull (Tokyo)*. 1997 Aug;45(8):1306-11.

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

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