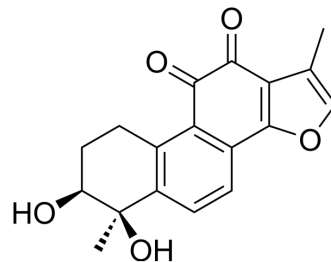


Tanshindiol B

| | |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.: | HY-123903 |
| CAS No.: | 97465-70-8 |
| Molecular Formula: | C ₁₈ H ₁₆ O ₅ |
| Molecular Weight: | 312.32 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Tanshindiol B, a naphthaquinone diterpene, inhibits GBM growth by induction of noptosis (NQO1-dependent necrosis) ^[1] . |
| In Vitro | Tanshindiol B (TSB) triggers significant cell death, which does not fit the criteria of apoptosis but oxidative stress-induced necrosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. A Yagi, et al. Effect of abietane- type pigments from *Salvia miltiorrhiza* on post-hypoxic recovery of cardiac contractile force in rats. *Planta Med.* 1991 Jun;57(3):288-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA