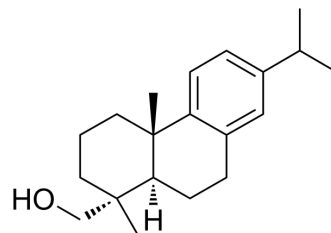


Dehydroabietinol

| | |
|--------------------|---|
| Cat. No.: | HY-N3702 |
| CAS No.: | 3772-55-2 |
| Molecular Formula: | C ₂₀ H ₃₀ O |
| Molecular Weight: | 286.45 |
| Target: | Syk |
| Pathway: | Protein Tyrosine Kinase/RTK |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | Dehydroabietinol is an abietane diterpenoid. Dehydroabietinol has kinase inhibition activity for spleen tyrosine kinase (SYK) with an IC ₅₀ value of 46.4 μM. Dehydroabietinol can be used for the research of immune-mediated disease ^[1] . |
| In Vitro | Dehydroabietinol has kinase inhibition activity for SYK with an IC ₅₀ value of 46.4 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Jun-Bo Gao, et al. Isolation, Characterization, and Structure-Activity Relationship Analysis of Abietane Diterpenoids from *Callicarpa bodinieri* as Spleen Tyrosine Kinase Inhibitors. *J Nat Prod.* 2018 Apr 27;81(4):998-1006.

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

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