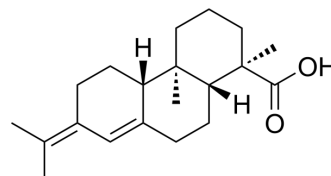


Neoabietic acid

| | |
|--------------------|---|
| Cat. No.: | HY-133592 |
| CAS No.: | 471-77-2 |
| Molecular Formula: | C ₂₀ H ₃₀ O ₂ |
| Molecular Weight: | 302.45 |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Neoabietic acid, an abietic-type acid, is a nature product that could be isolated from the oleoresin and rosin of *Pinus palustris*. Neoabietic acid is highly susceptible to mineral acid. Neoabietic acid has antibacterial activity^{[1][2][3]}.

REFERENCES

- [1]. HARRIS GC, et, al. Resin acids; an improved method of isolation of resin acids the isolation of a new abietic-type acid, neoabietic acid. *J Am Chem Soc.* 1948 Jan; 70(1): 334-9.
- [2]. Jagalski V, et, al. Biophysical study of resin acid effects on phospholipid membrane structure and properties. *Biochim Biophys Acta.* 2016 Nov; 1858(11):2827-2838.
- [3]. Söderberg TA, et, al. Antibacterial activity of rosin and resin acids in vitro. *Scand J Plast Reconstr Surg Hand Surg.* 1990; 24(3): 199-205.

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

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