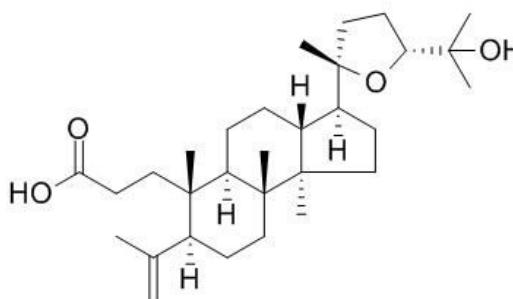


## Shoreic acid Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Shoreic acid**Catalog No.:** CFN98077**Cas No.:** 21671-00-1**Purity:** >=98%**M.F:** C<sub>30</sub>H<sub>50</sub>O<sub>4</sub>**M.W:** 474.7**Physical Description:** Powder

**Synonyms:** 3-[(3S,3aR,5aR,6S,7S,9aR,9bR)-3-[(2S,5R)-5-(2-Hydroxy-2-propenyl)-2-methyltetrahydro-2-furanyl]-7-isopropenyl-6,9a,9b-trimethyldodecahydro-1H-cyclopenta[a]naphthalen-6-yl]propanoic acid.

**[ Intended Use ]**

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

**[ Source ]**The branches of *Dysoxylum hainanense*.

## **[ Biological Activity or Inhibitors ]**

Shoreic acid shows activity against *Mycobacterium tuberculosis*.<sup>[1]</sup>

Shoreic acid has antiviral activity against Herpes simplex virus types I and II in vitro.<sup>[2]</sup>

Shoreic acid exhibits antibacterial activity against *E. coli*, *P. aeruginosa*, *S. aureus*, and *B. subtilis* with activity indices (AI) of 0.2, 0.3, 0.5 and 0.4, respectively, it also shows antifungal activity against *C. albicans* and *T. mentagrophytes* with AI of 0.2 and 0.3, respectively.<sup>[3]</sup>

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

2-8°C, Protected from air and light, refrigerate or freeze.

## **[ References ]**

[1] Leitao G G, Abreu L F, Costa F N, *et al. Nat. Prod. Commun.*,2008, 3(12):1995.

[2] Poehland B L, Carté B K, Francis T A, *et al. J. Nat .Prod.*,1987 Jul-Aug;50(4):706-13.

[3] Ragasa C Y, Alimboyoguen A, Rideout J. *Kimika*, 2010, 23(1):50-4.

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