[ **Product Information** ]

**Name:** Conocarpan  
**Catalog No.:** CFN98208  
**Cas No.:** 221666-27-9  
**Purity:** > 95%  
**M.F:** \( \text{C}_{18}\text{H}_{18}\text{O}_2 \)  
**M.W:** 266.3  
**Physical Description:** Powder  
**Synonyms:** Phenol,4-[(2S,3S)-2,3-dihydro-3-methyl-5-(1E)-1-propen-1-yl-2-benzofuranyl] -.

[ **Intended Use** ]

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

[ **Source** ]

The wood of *Conocarpus erectus*. 
[ Biological Activity or Inhibitors]

Conocarpan has antinociceptive effects.[1]

Conocarpan is quite active against S. aureus and B. subtilis with MIC of 6.25 micrograms/ml, it also shows activity against M. tuberculosis (MIC=15.6 ug/ml).[2,3]

Conocarpan shows considerable activity against epimastigote forms of T. cruzi, with 50% inhibition concentrations (IC₅₀) of 8.0 microg/ml.[4]

[ Solvent ]

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

[ HPLC Method ][5]

Mobile phase: 2% Acetic acid in water- 2% Acetic acid in acetonitrile, gradient elution ;
Flow rate:1.0 ml/min;
Column temperature: 30℃;
The wave length of determination:280 nm.

[ Storage ]

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

[ References ]

**Contact**

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