

# Calyxin H Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

## [ Product Information ]

**Name:** Calyxin H

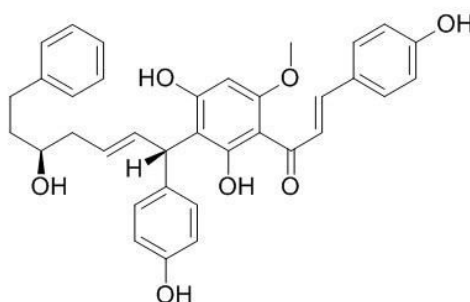
**Catalog No.:** CFN98024

**Cas No.:** 202596-22-3

**Purity:** > 95%

**M.F:** C<sub>35</sub>H<sub>34</sub>O<sub>7</sub>

**M.W:** 566.7



**Physical Description:** Yellow powder

**Synonyms:** (2E)-1-{2,4-Dihydroxy-3-[(1S,2E,5S)-5-hydroxy-1-(4-hydroxyphenyl)-7-phenyl-2-penten-1-yl]-6-methoxyphenyl}-3-(4-hydroxyphenyl)-2-penten-1-one.

## [ Intended Use ]

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

## [ Source ]

The seeds of *Alpinia katsumadai*.

## [ Biological Activity or Inhibitors]

Calyxin H at 1uM can increase the expression of heat shock factor 1 (HSF1), it has a possible application as a heat shock protein (HSP) inducer.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

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

## **[ References ]**

[1] Nam J W, Kang G Y, Han A R, *et al. J. Nat. Prod.*,2011 Oct 28;74(10):2109-15.

## **[ Contact ]**

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