[Product Information]

Name: Myriceric acid B
Catalog No.: CFN98931
Cas No.: 55497-79-5
Purity: > 95%
M.F: C_{39}H_{54}O_{7}
M.W: 634.9

Physical Description: Powder
Synonyms: (3β)-27-[(2E)-3-(3,4-Dihydroxyphenyl)-2-propenoyl]oxy)-3-hydroxy olean-12-en-28-oic acid.

[Intended Use]

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

[Source]

The root bark of Myrica cerifera L.

[Biological Activity or Inhibitors]
Myriceric acid B is a potent HIV-1 entry inhibitor targeting gp41 and can serve as a lead compound for developing novel anti-HIV-1 drug.\textsuperscript{[1]}

Myriceric acid B scavenges DPPH free radicals with IC50 value of 21.8 \textmu M, it inhibits aromatase activity with IC50 value of 6.8 \textmu M, it also exhibits cytotoxic activity towards the MOLT-3 cell line with IC50 values of 3.9 \textmu M.\textsuperscript{[2]}

\textbf{[ Solvent ]}

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

\textbf{[ HPLC Method ]}

Not data available.

\textbf{[ Storage ]}

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

\textbf{[ References ]}


\textbf{[ Contact ]}

\textbf{Address:}
S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

\textbf{Email:} info@chemfaces.com
\textbf{Tel:} +86-27-84237783
\textbf{Fax:} +86-27-84254680
\textbf{Web:} www.chemfaces.com
\textbf{Tech Support:} service@chemfaces.com