**Supporting Information**

**Garciniaxanthone E and 12b-Hydroxy-des-D-garcigerrin A from The Tree Bark *Garcinia dulcis* and their Inhibitory Properties against Receptor Tyrosine Kinases**  
  
  
**Fera Kurniadewi1\*, Amadita Shafa Aqilah1 , Irma Ratna Kartika1, Muktiningsih Nurjayadi1, Elvira Hermawati2, Ade Danova2**

*1**Chemistry Study Program, Universitas Negeri Jakarta, Jakarta, 13220, Indonesia*

*2Organic Chemistry Division, Institut Teknologi Bandung, Bandung, 40116, Indonesia*

Email: [*fera@unj.ac.id*](mailto:fera@unj.ac.id)

Phone: +62 81380118565

[fera@unj.ac.id](mailto:fera@unj.ac.id)\*, [amadita.shafa01@gmail.com](mailto:amadita.shafa01@gmail.com), [irmaratna@unj.ac.id](mailto:irmaratna@unj.ac.id), [muktiningsih@unj.ac.id](mailto:muktiningsih@unj.ac.id) [elvira.hermawati@itb.ac.id](mailto:elvira.hermawati@itb.ac.id), [adedanova@itb.ac.id](mailto:adedanova@itb.ac.id)

[**S1:** Uv-Vis Spectrum of Compound **1** (garciniaxanthone E) 2](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941108)

[**S2:** MS Spectrum of Compound **1** (garciniaxanthone E) 2](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941109)

[**S3:** IR Spectrum of Compound **1** (garciniaxanthone E) 3](#_Toc150941110)

[**S4:** 1H-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E) 3](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941111)

[**S5:** Expansion of the 1H-NMR Spectrum of Compound **1** (garciniaxanthone E) (from 1.5 to 6.5 ppm) 4](#_Toc150941112)

[**S6:** 13C-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E) 4](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941113)

[**S8:** HMBC (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E) 5](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941114)

[**S7:** HSQC (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E) 5](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941115)

[**S9:** Uv-Vis Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) 6](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941116)

[**S10:** MS Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) 6](#_Toc150941117)

[**S11:** IR Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) 7](file:///C:\Users\HP\Documents\SKRIPSI\Daftar%20isi%20lampiran%20spektrum.docx#_Toc150941118)

[**S12:** 1H-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) 7](#_Toc150941119)

[**S13:** Expansion of the 1H-NMR Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) (from 4.8 to 8.0 ppm) 8](#_Toc150941120)

[**S14:** 13C-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) 8](#_Toc150941121)

[**S15:** HSQC (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) 9](#_Toc150941122)

[**S16:** HMBC (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) 9](#_Toc150941123)

A screenshot of a computer screen

Description automatically generated

**S1:** Uv-Vis Spectrum of Compound **1** (garciniaxanthone E)

A white paper with text

Description automatically generated

**S2:** MS Spectrum of Compound **1** (garciniaxanthone E)

A screenshot of a graph

Description automatically generated

**A graph showing a number of objects

Description automatically generated with medium confidenceS3:** IR Spectrum of Compound **1** (garciniaxanthone E)

**S4:** 1H-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E)

A graph of a graph showing a number of numbers

Description automatically generated with medium confidence

**S5:** Expansion of the 1H-NMR Spectrum of Compound **1** (garciniaxanthone E) (from 1.5 to 6.5 ppm)

A graph of a red line

Description automatically generated with medium confidence

**S6:** 13C-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E)

A graph with red lines

Description automatically generatedA graph with red lines and numbers

Description automatically generated

**S8:** HMBC (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E)

**S7:** HSQC (500 MHz, (CD3)2CO) Spectrum of Compound **1** (garciniaxanthone E)

A white paper with text

Description automatically generatedA screenshot of a computer screen

Description automatically generated

**S9:** Uv-Vis Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A)

**S10:** MS Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A)

A graph showing a number of objects

Description automatically generated with medium confidenceA screenshot of a graph

Description automatically generated

**S11:** IR Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A)

**S12:** 1H-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A)

A diagram of a graph

Description automatically generated

**S13:** Expansion of the 1H-NMR Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A) (from 4.8 to 8.0 ppm)

**S14:** 13C-NMR (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A)A graph of a sample

Description automatically generated with medium confidence

**A graph with red and blue dots

Description automatically generatedS15:** HSQC (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A)

A graph with red lines

Description automatically generated

**S16:** HMBC (500 MHz, (CD3)2CO) Spectrum of Compound **2** (12b-Hydroxy-des-D-garcigerrin A)