Supporting Information

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A New Alkaloid from *Ormosia hosiei* Hemsl. Et Wils

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Table S1: $^1$H NMR data of compounds 2-10

| NO. | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2   | 8.06, s| 8.37, s| 8.45, s| 8.49, s| 8.40, s| 8.38, s|       |       |       |
| 5   |       | 8.05, d, 8.8| 7.80, d, 9.2|       |       |       |       |       |       |
| 6   | 6.37, d, 2.0| 6.23, d, 2.0| 7.15, d, 2.4, 8.8| 7.36, d, 9.2| 6.44, d, 2.0| 6.46, d, 2.4| 6.17, d, 2.0| 6.20, d, 2.0| 6.17, d, 2.0|
| 8   | 6.39, d, 2.0| 6.39, d, 2.0| 7.25, d, 2.4|       | 6.73, d, 2.0| 6.73, d, 2.4| 6.37, d, 2.0| 6.41, d, 2.0| 6.40, d, 2.0|
| 2'  | 7.29, d, 8.8| 7.49, d, 8.8| 7.53, d, 8.8| 7.53, d, 8.8| 7.40, d, 8.4| 7.39, d, 8.8| 7.54, d, 2.0, 8.0| 7.98, d, 8.8| 7.85, d, 2.0|
| 3'  | 6.77, d, 8.8| 7.00, d, 8.8| 7.00, d, 8.8| 7.00, d, 8.8| 6.83, d, 8.4| 6.83, d, 8.8| 6.87, d, 8.8|       |       |
| 5'  | 6.77, d, 8.8| 7.00, d, 8.8| 7.00, d, 8.8| 7.00, d, 8.8| 6.83, d, 8.4| 6.83, d, 8.8| 6.83, d, 8.0| 6.87, d, 8.8| 6.90, d, 8.4|
| 6'  | 7.29, d, 8.8| 7.49, d, 8.8| 7.53, d, 8.8| 7.53, d, 8.8| 7.40, d, 8.4| 7.39, d, 8.8| 7.52, d, 2.0| 7.98, d, 8.8| 7.50, d, 2.0, 8.4|
| Glc-1'' | 5.11, d, 7.2| 5.10, d, 7.2| 5.02, d, 6.8| 5.04, d, 7.2| 5.33, d, 7.2| 5.30, d, 7.6| 5.43, d, 6.8|       |       |
| Rha-1''' | 4.52, d, 1.6|       |       |       | 4.37, d, 0.8| 4.37, d, 1.6| 4.41, d, 1.6|       |       |
| Rha-6''' | 1.10, d, 6.4|       |       |       | 0.98, d, 6.4| 0.97, d, 6.0| 0.97, d, 6.4|       |       |
| Api-1'''' |       |       |       |       |       |       |       |       | 4.81, d, 3.2|
| 5-OH |       |       |       |       |       |       |       |       | 12.56, s| 12.56, s|
| 5-OCH3 | 3.79, s|       |       |       |       |       |       |       |       |
| 7-OH  | 10.70, s| 10.90, s|       |       |       |       |       |       |       |
| 8-OCH3 |       |       |       |       | 3.94, s|       |       |       |       |
| 3'-OCH3 |       |       |       |       |       |       |       |       | 3.83, s|
| 4''-OH| 9.48, s|       |       |       |       |       |       |       |       |
| 4'''-OCH3 | 3.78, s| 3.79, s| 3.79, s| 3.79, s|       |       |       |       |       |

In DMSO-$d_{4}$(400 MHz); $\delta$H($mult.$, J in Hz).
Table S2: $^{13}$C NMR data of compounds 2-10

| NO. | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2   | 150.4| 154.3| 153.7| 153.7| 154.9| 154.7| 156.5| 156.5| 156.4|
| 3   | 124.7| 122.0| 123.4| 123.1| 121.1| 121.1| 133.3| 133.2| 133.0|
| 4   | 173.8| 180.1| 174.7| 174.8| 180.6| 180.6| 177.4| 177.4| 177.3|
| 5   | 161.2| 162.0| 127.0| 120.3| 161.5| 161.7| 161.2| 161.2| 161.2|
| 6   | 96.5 | 99.0 | 115.7| 114.0| 99.7 | 99.7 | 98.8 | 98.8 | 99.0 |
| 7   | 162.4| 164.3| 161.5| 154.1| 162.9| 163.0| 164.3| 164.3| 164.9|
| 8   | 94.8 | 93.7 | 103.4| 136.8| 94.7 | 94.6 | 93.7 | 93.8 | 93.9 |
| 9   | 157.0| 157.6| 157.1| 150.0| 157.3| 157.3| 156.6| 158.9| 156.6|
| 10  | 107.9| 104.5| 118.5| 119.3| 106.2| 106.2| 103.9| 104.0| 103.8|
| 1′  | 122.8| 122.9| 124.0| 124.0| 122.5| 122.6| 121.6| 120.9| 122.3|
| 2′  | 130.2| 130.2| 130.1| 130.1| 130.2| 130.2| 115.3| 130.9| 113.3|
| 3′  | 114.8| 113.7| 113.7| 113.7| 115.2| 115.2| 144.8| 115.1| 149.4|
| 4′  | 159.1| 159.2| 159.0| 159.1| 157.5| 157.6| 148.5| 156.9| 146.9|
| 5′  | 114.8| 113.7| 113.7| 113.7| 115.2| 115.2| 116.3| 115.1| 115.3|
| 6′  | 130.2| 130.2| 130.1| 130.1| 130.2| 130.2| 121.2| 130.9| 121.1|

Glc-1″: 100.0 100.5 100.7 99.8 101.2 101.4 101.3
Glc-2″: 73.1 73.3 73.1 73.1 74.1 74.2 74.3
Glc-3″: 76.5 76.7 76.6 76.4 76.5 76.4 76.4
Glc-4″: 69.6 69.6 70.0 69.9 70.0 70.0 70.1
Glc-5″: 77.2 77.3 75.7 75.6 75.9 75.8 76.0
Glc-6″: 60.6 60.6 66.5 67.8 67.0 66.9 66.9
Rha-1″′: 100.0 100.8 100.8 101.0
Rha-2″′: 70.3 70.4 70.4 70.3
Rha-3″′: 70.7 70.6 70.6 70.6
Rha-4″′: 72.2 71.9 71.8 71.8
Rha-5″′: 68.4 68.3 68.3 68.4
Rha-6″′: 18.0 17.8 17.8 17.8

Api-1″′: 109.5
Api-2″′: 76.0
Api-3″′: 78.8
Api-4″′: 73.4
Api-5″′: 63.3
5-OCH₃: 55.9
8-OCH₃: 61.3
3′-OCH₃: 55.7
4′-OCH₃: 55.2 55.2 55.2

In DMSO-d(100 MHz).

Table S3: Anti-inflammatory activity of the isolated compounds 1-10 against IL-6

| Compounds | IC₅₀(μM) |
|-----------|---------|
| 1         | 19.4±1.8 |
| 2         | 58.9±5.7 |
| 3         | 35.0±3.9 |
| 7         | 41.6±3.6 |
| hydrocortisone† | 44.6±5.1 |

†positive control
Figure S1: The $^1$H NMR spectrum of compound 1

Figure S2: The $^{13}$C NMR spectrum of compound 1
Figure S3: The DEPT spectrum of compound 1

Figure S4: The HSQC spectrum of compound 1
Figure S5: The $^1$H-$^1$H COSY spectrum of compound 1

Figure S6: The HMBC spectrum of compound 1

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Figure S7: The NOESY spectrum of compound 1

Figure S8: The UV spectrum of compound 1

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Figure S9: The IR spectrum of compound 1

Figure S10: The HRESIMS spectrum of compound 1
Figure S11: The CD spectrum of compound 1

Figure S12: The search results of compound 1 in scifinder