Three new lactone-type diterpenoid alkaloids from *Aconitum rotundifolium* Kar& Kir

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E-mail: zhouxl@swjtu.edu.cn;
1 HR-ESI-MS spectrum for compound 1
2 IR spectrum for compound 1
3 \(^1\)H NMR spectrum for compound 1
4 \(^{13}\)C NMR spectrum for compound 1
5 DEPT (θ = 135°) spectrum for compound 1
6 \(^1\)H-\(^1\)H COSY spectrum for compound 1
7 HMOC spectrum for compound 1
8 HMBC spectrum for compound 1
9 Noesy spectrum for compound 1
10 HR-ESI-MS spectrum for compound 2
11 IR spectrum for compound 2
12 \(^1\)H NMR spectrum for compound 2
13 \(^{13}\)C NMR spectrum for compound 2
14 DEPT (θ = 135°) spectrum for compound 2
15 \(^1\)H-\(^1\)H COSY spectrum for compound 2
16 HMOC spectrum for compound 2
17 HMBC spectrum for compound 2
18 Noesy spectrum for compound 2
19 HR-ESI-MS spectrum for compound 3
20 IR spectrum for compound 3
21 \(^1\)H NMR spectrum for compound 3
22 \(^{13}\)C NMR spectrum for compound 3
23 DEPT (θ = 135°) spectrum for compound 3
24 \(^1\)H-\(^1\)H COSY spectrum for compound 3
25 HMOC spectrum for compound 3
26 HMBC spectrum for compound 3
27 Noesy spectrum for compound 3
1 HR-ESI-MS spectrum for compound 1

2 IR spectrum for compound 1
3 $^1$H NMR spectrum for compound 1

4 $^{13}$C NMR spectrum for compound 1
5  DEPT ($\theta = 135^\circ$) spectrum for compound 1

6  $^1$H-$^1$H COSY spectrum for compound 1
7 HMQC spectrum for compound 1

8 HMBC spectrum for compound 1
9  Noesy spectrum for compound 1

10  HR-ESI-MS spectrum for compound 2
11  IR spectrum for compound 2

12  $^1$H NMR spectrum for compound 2
$^{13}$C NMR spectrum for compound 2

DEPT ($\theta = 135^\circ$) spectrum for compound 2
15 $^1\text{H}-^1\text{H}$ COSY spectrum for compound 2

16 HMQC spectrum for compound 2
17 HMBC spectrum for compound 2

18 Noesy spectrum for compound 2
19 HR-ESI-MS spectrum for compound 3

20 IR spectrum for compound 3
21 $^1$H NMR spectrum for compound 3

22 $^{13}$C NMR spectrum for compound 3
23 DEPT ($\theta = 135^\circ$) spectrum for compound 3

24 $^1$H-$^1$H COSY spectrum for compound 3
25  HMQC spectrum for compound 3

26  HMBC spectrum for compound 3
27 Noesy spectrum for compound 3