$^1$H NMR spectrum of Gonocarin A (1)
$^{13}$C NMR spectrum of Gonocarin A (1)
COSY spectrum of Gonocarin A (1)
HMOC spectrum of Gonocarin A (1)
HMBC spectrum of Gonocarin A (1)
NOESY spectrum of Gonocarin A (1)
IR spectrum of Gonocarin A (1)

HRESIMS spectrum of Gonocarin A (1)
$^1$H NMR spectrum of Gonocarin B (2)
$^{13}$C NMR and DEPT spectrum of Gonocarin B (2)
COSY spectrum of Gonocarin B (2)
HMQC spectrum of Gonocarin B (2)
HMBC spectrum of Gonocarin B (2)
NOESY spectrum of Gonocarin B (2)
IR spectrum of Gonocarin B (2)

HR-ESI-MS spectrum of Gonocarin B (2)
$^1$H NMR spectrum of Gonocarin C (3)
\(^{13}\)C NMR spectrum of Gonocarin C (3)
COSY spectrum of Gonocarin C

Std Proton parameters
Automation directory: Sample: -9---6---4---8---2-2----8

Pulse Sequence: gCOSY
Solvent: D2O
Temp: 25 ºC
Operator: "800 MHz"
Optimized "1H, 1H" "COSY"
Relax. delay 1.000 sec
ACQ. time 0.068 sec
WIDTH 4096-1 Hz
2D width 0.886 Hz
10 repetitions
1092 data points
OBSERVE: H2, 100.439007 MHz
DATA PROCESSING
acq. time 0.100 sec
F2 DATA PROCESSING
acq. time 0.068 sec
F1 size: 2048 x 2048
Total time: 1.0 hr, 28 min, 48 sec
HMOC spectrum of Gonocarin C (3)
HMBC spectrum of Gonocarin C (3)
NOESY spectrum of Gonocarin C (3)
IR spectrum of Gonocarin C (3)

HR-ESI-MS spectrum of Gonocarin C (3)
$^1$H NMR spectrum of Gonocarin A monoacetate (4)
$^{13}$C NMR spectrum of Gonocarin A monoacetate (4)
COSY spectrum of Gonocarin A monoacetate (4)
HMQC spectrum of Gonocarin A monoacetate (4)
HMBC spectrum of Gonocarin A monoacetate (4)
NOESY spectrum of Gonocarin A monoacetate (4)
IR spectrum of Gonocarin A monoacetate (4)

HRESIMS spectrum of Gonocarin A monoacetate (4)
$^1$H NMR spectrum of Pinoresinol (5)

$^{13}$C NMR spectrum of Pinoresinol (5)
$^1$H NMR spectrum of Paulownin (6)

$^{13}$C NMR spectrum of Paulownin (6)
Figure 4. Cytotoxicity of the compounds 1-6 were isolated from the seed of *gonocaryum calleryanum* in RAW264.7 macrophage cells (A), and the effects of the compounds 1-6 on LPS induced NO (B) and TNF-α (C) productions of RAW264.7 macrophages.