

Preparative isolation of the maltol glycoside from *Dianthus superbus* and its anti-inflammatory activity *in vitro*

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Table of Contents

Figure S1. ESI mass spectrum of tunicoside B	3
Figure S2. ¹ H NMR Spectrum (600 MHz) of tunicoside B (in MeOH- <i>d</i> ₄)	4
Figure S3. ¹³ C NMR Spectrum (151 MHz) of tunicoside B (in MeOH- <i>d</i> ₄).....	5
Figure S4. Optical rotations of tunicoside B.....	6
Figure S5. Ultraviolet (UV) spectra of tunicoside B	7
Figure S6. IR spectra of tunicoside B	8
Figure S7. The western blot images and the photographs of the corresponding pieces of membrane of iNOS (two independent experiments)	9
Figure S8. The western blot images and the photographs of the corresponding pieces of membrane of GAPDH (two independent experiments).....	10

Figure S1. ESI mass spectrum of tunicoside B

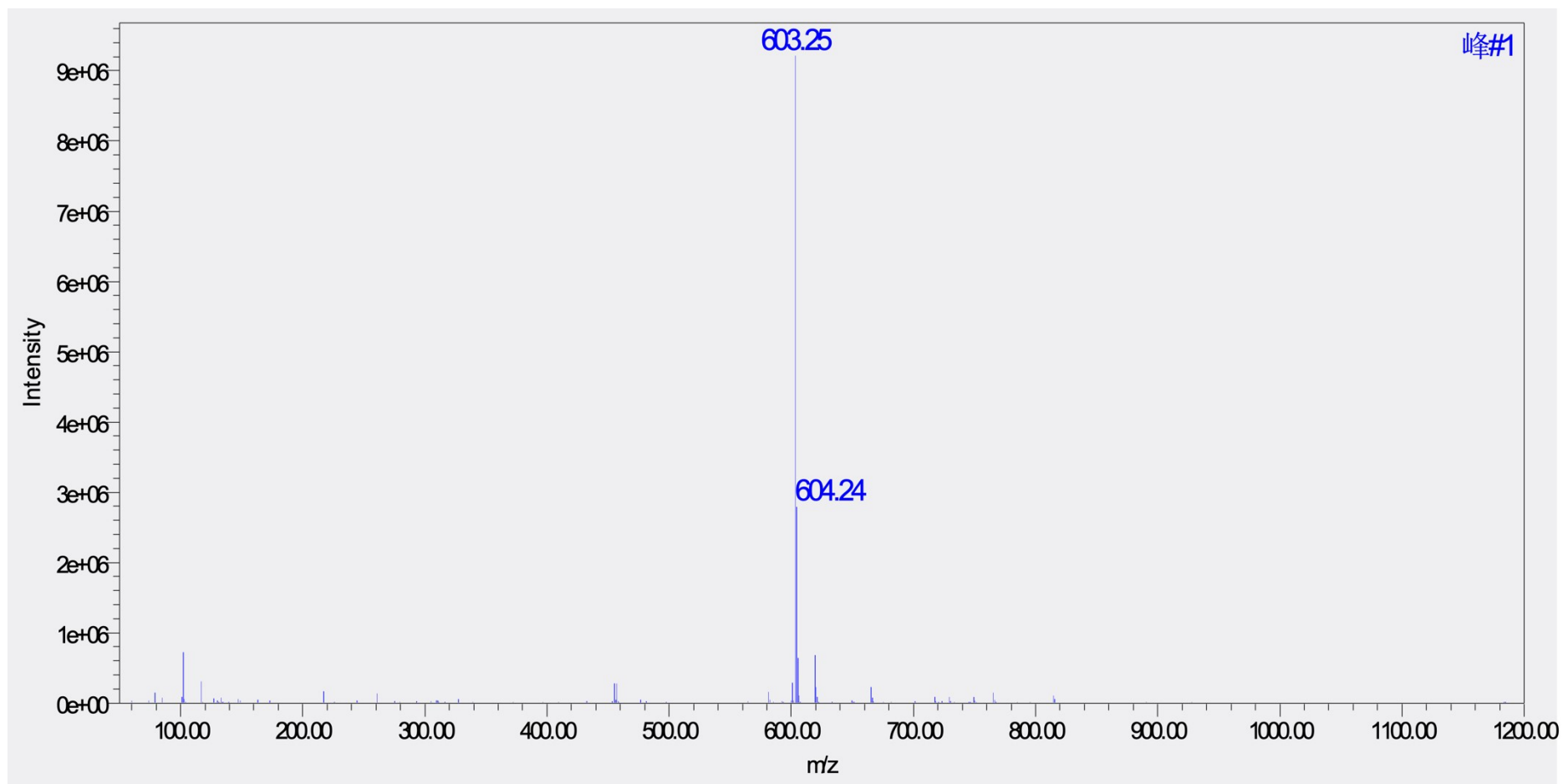


Figure S2. ¹H NMR Spectrum (600 MHz) of tunicoside B (in MeOH-*d*₄)

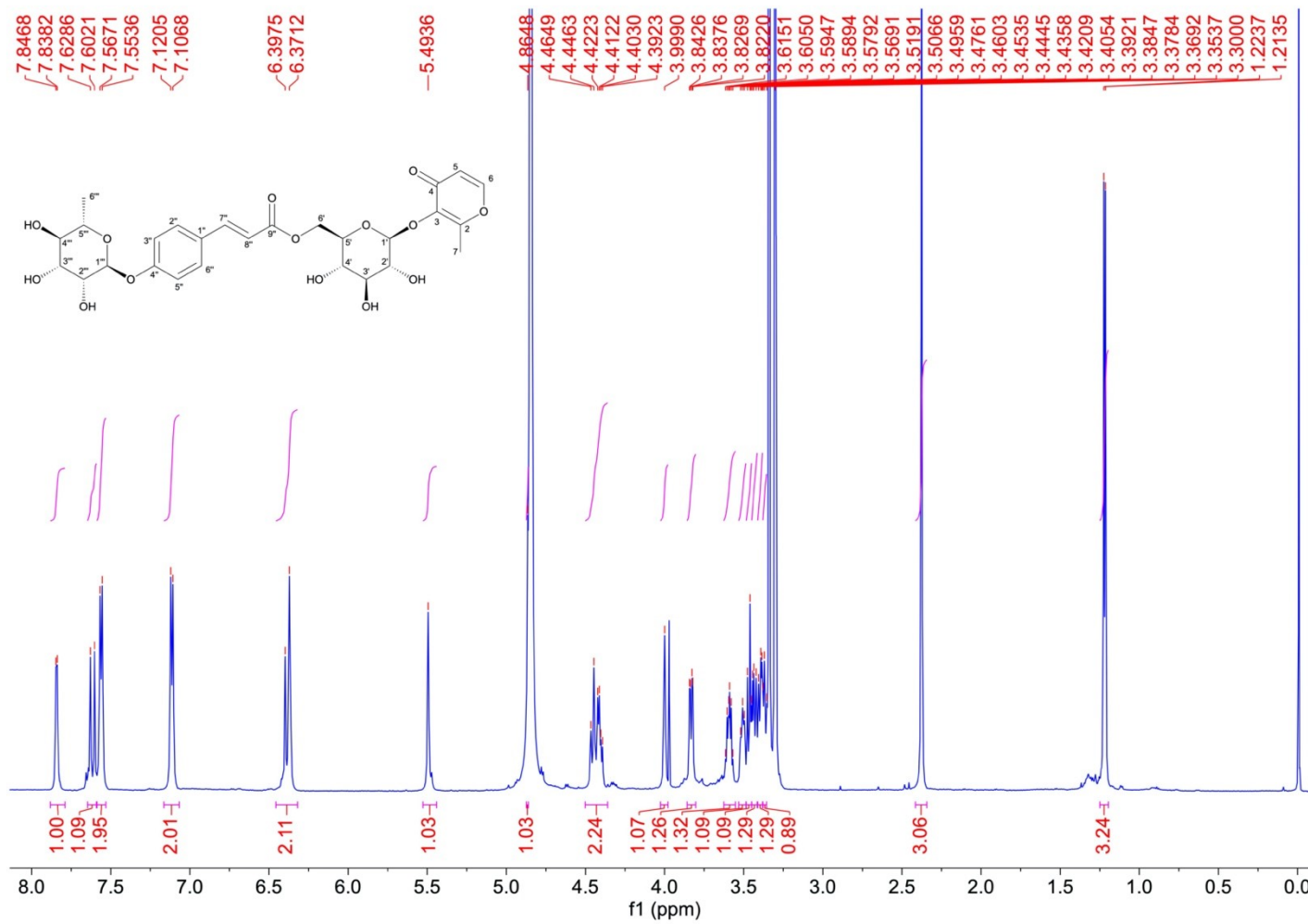


Figure S3. ^{13}C NMR Spectrum (151 MHz) of tunicoside B (in $\text{MeOH-}d_4$)

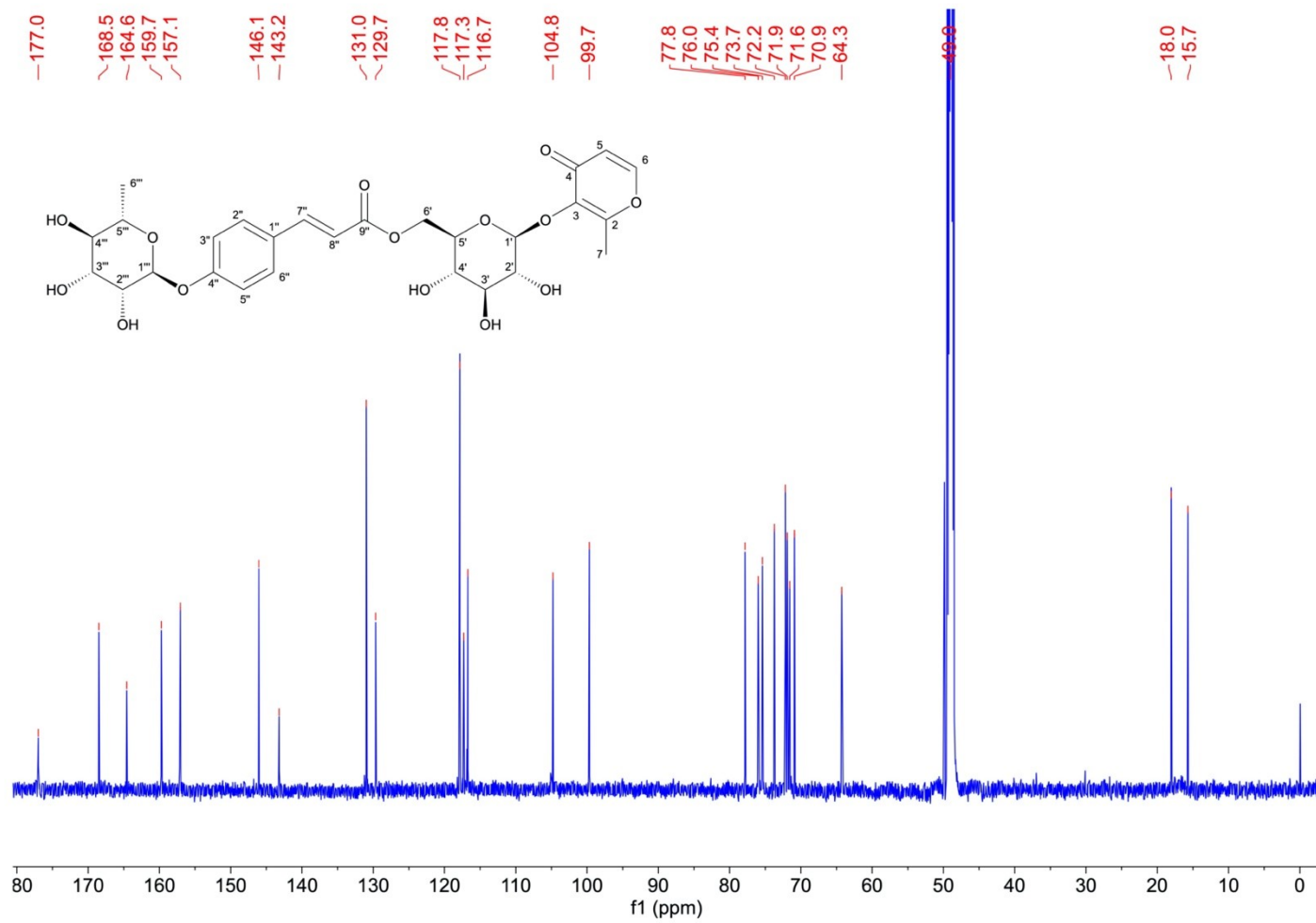


Figure S4. Optical rotations of tunicoside B

Date	Time	Measurement	Unit	Length of polarizer	Measure temperature	Sample name	Username
2021-06-21	21:33:27	-168.331	[α]	0.5	25.2	4411	4411
		Original optical rotation	Concentration		Temperature compensation	Compensation factor	Standard calibration
		-0.017	0.020g/100mL		no		no
Number of measurements	Measurement	Number of measurements	Measurement	Maximum value	Minimum value	Average value	Mean square error
1	-159.960	6	-179.958	-159.960	-179.958	-168.331	7.5372
2	-170.035						
3	-159.960						
4	-170.035						
5	-170.035						

Figure S5. Ultraviolet (UV) spectra of tunicoside B

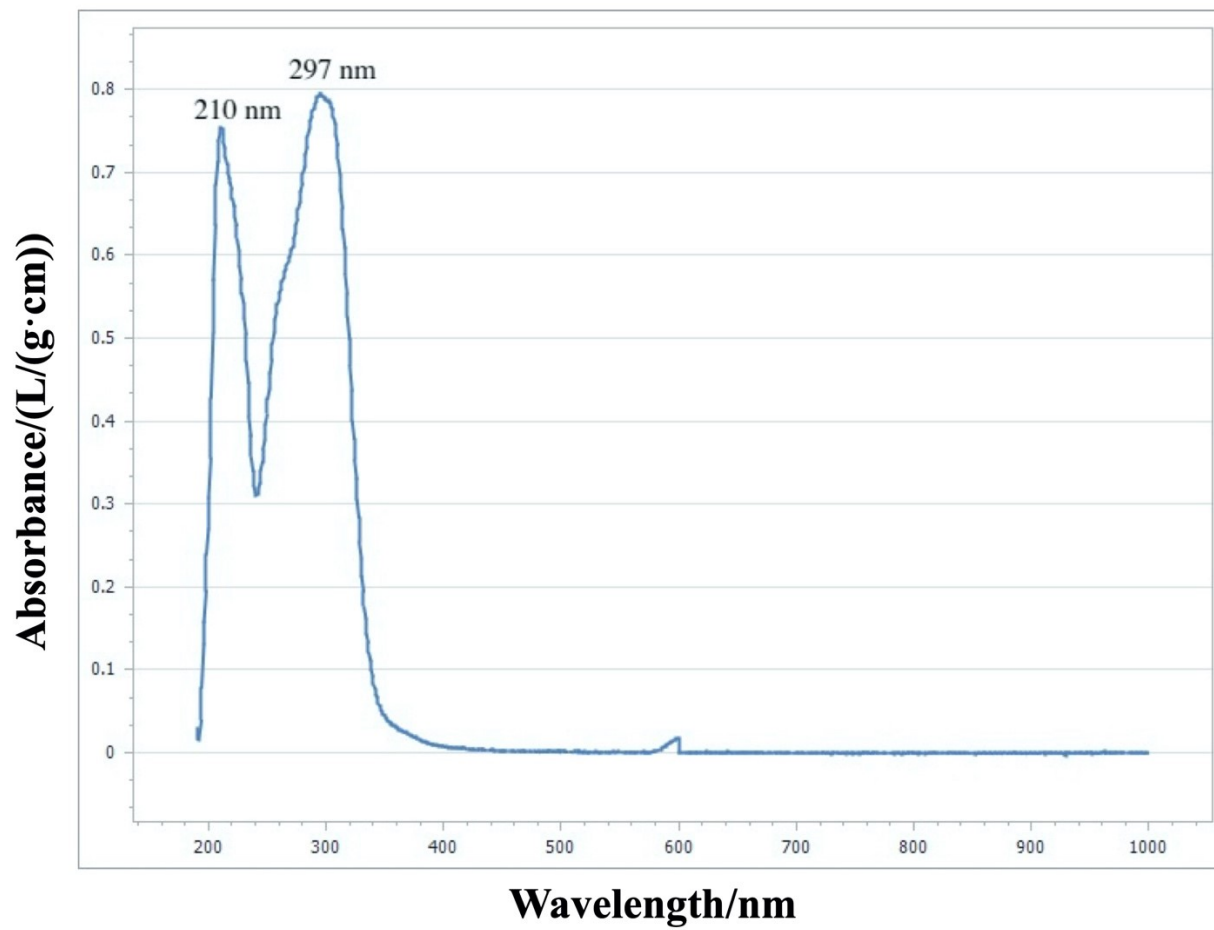


Figure S6. IR spectra of tunicoside B

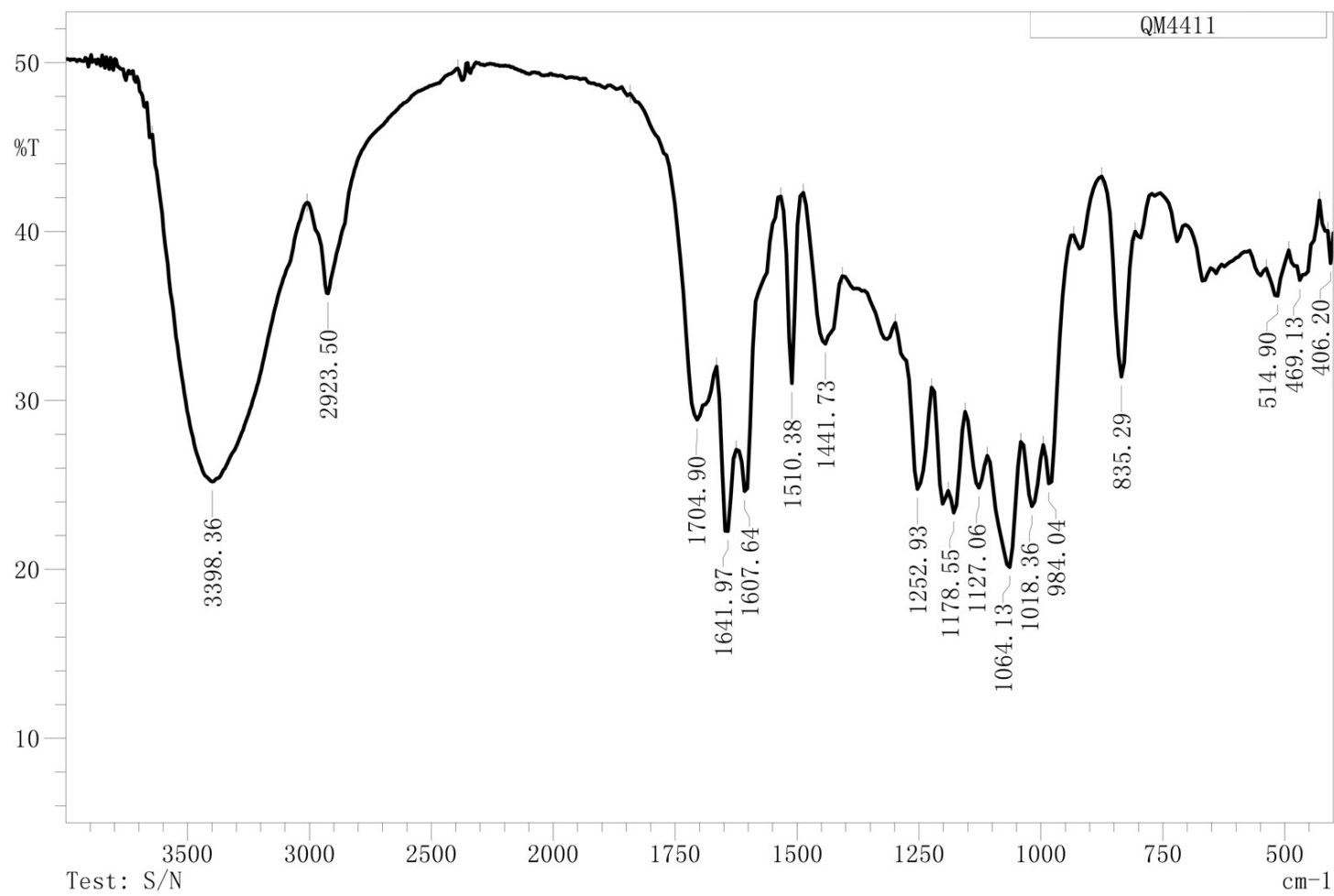


Figure S7. The western blot images and the photographs of the corresponding pieces of membrane of iNOS (two independent experiments)

1.



iNOS-membrane photograph in white light



iNOS-exposure image in dark environment

2.



iNOS-membrane photograph in white light



iNOS-exposure image in dark environment

Figure S8. The western blot images and the photographs of the corresponding pieces of membrane of GAPDH (two independent experiments)

1.



GAPDH-membrane photograph in white light



GAPDH-exposure image in dark environment

2.



GAPDH-membrane photograph in white light



GAPDH-exposure image in dark environment