

Tumor Microenvironment and NIR Laser Dual Responsive Release of Berberine 9-O-pyrazole Alkyl Derivative Loaded in Graphene Oxide Nanosheets for Chemo-photothermal Synergetic Cancer Therapy

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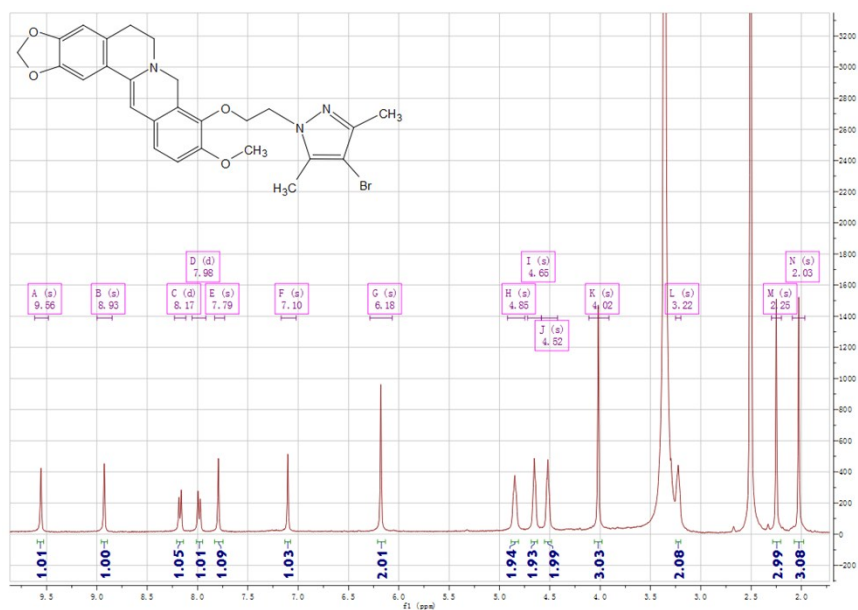


Figure S1. ¹H NMR spectrum of compound 3B

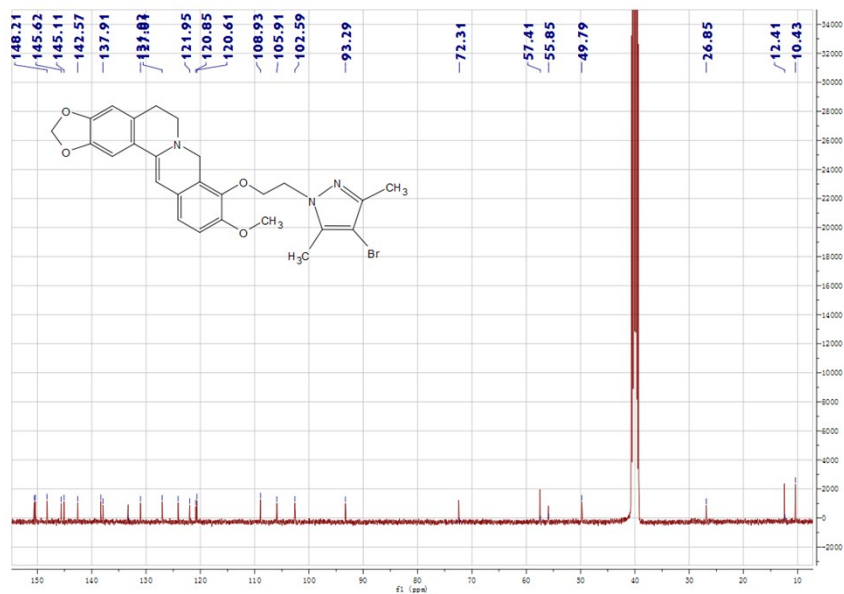


Figure S2. ¹³C NMR spectrum of compound 3B

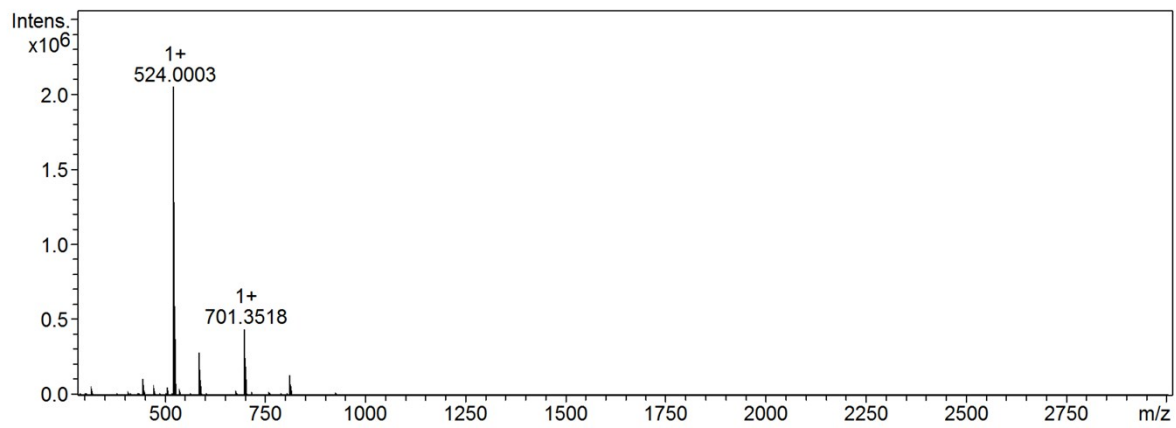


Figure S3. Mass spectrum of compound 3B

Table S1. Statistics on the numbers of A549 cells and L929 cells stained by the Calcein-AM/PI dyes.

		Red	Green	Ratio (Red/Total)
	NIR Laser Only	10	490	0.0200
	GO	1	738	0.0014
A549	AS1411-GO	3	585	0.0051
Cells	GO/B3	108	330	0.2466
	AS1411-GO/B3	165	339	0.3274
	AS1411-GO/B3+NIR Laser	624	166	0.6895
	NIR Laser Only	10	345	0.0282
	GO	3	655	0.0046
L929	AS1411-GO	22	308	0.0667
Cells	GO/B3	89	338	0.2084
	AS1411-GO/B3	123	367	0.2510
	AS1411-GO/B3+NIR Laser	160	417	0.2773