

Supplementary Materials

Synthesis and preliminary screening of the biological activity of Sulindac sulfoximines derivatives.

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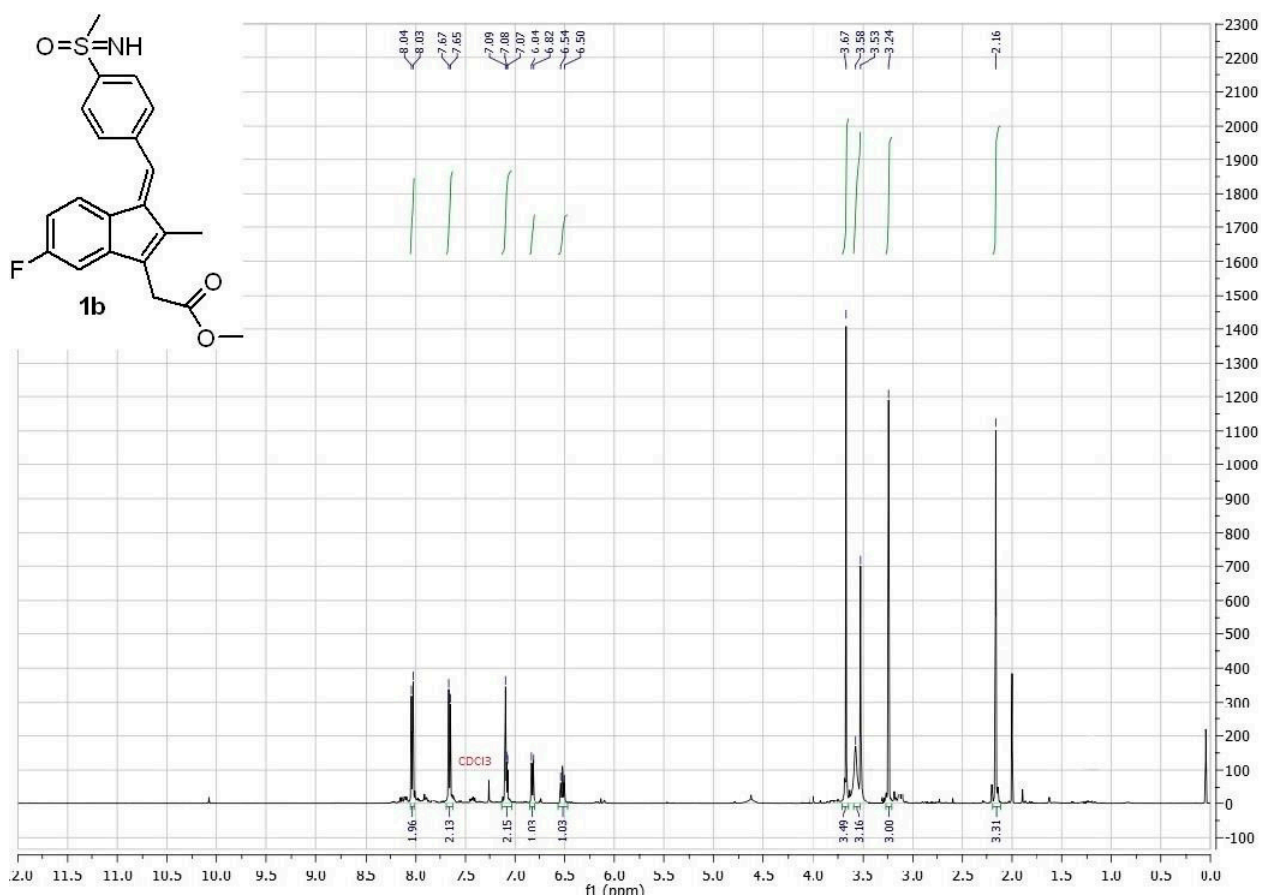


Figure S1. ¹H-NMR (500 MHz, CDCl₃) spectrum of **Methyl-(Z)-2-(5-fluoro-2-methyl-1-(4-(Smethylsulfonimidoyl)benzylidene)-1H-inden-3-yl)acetate (1b)**.

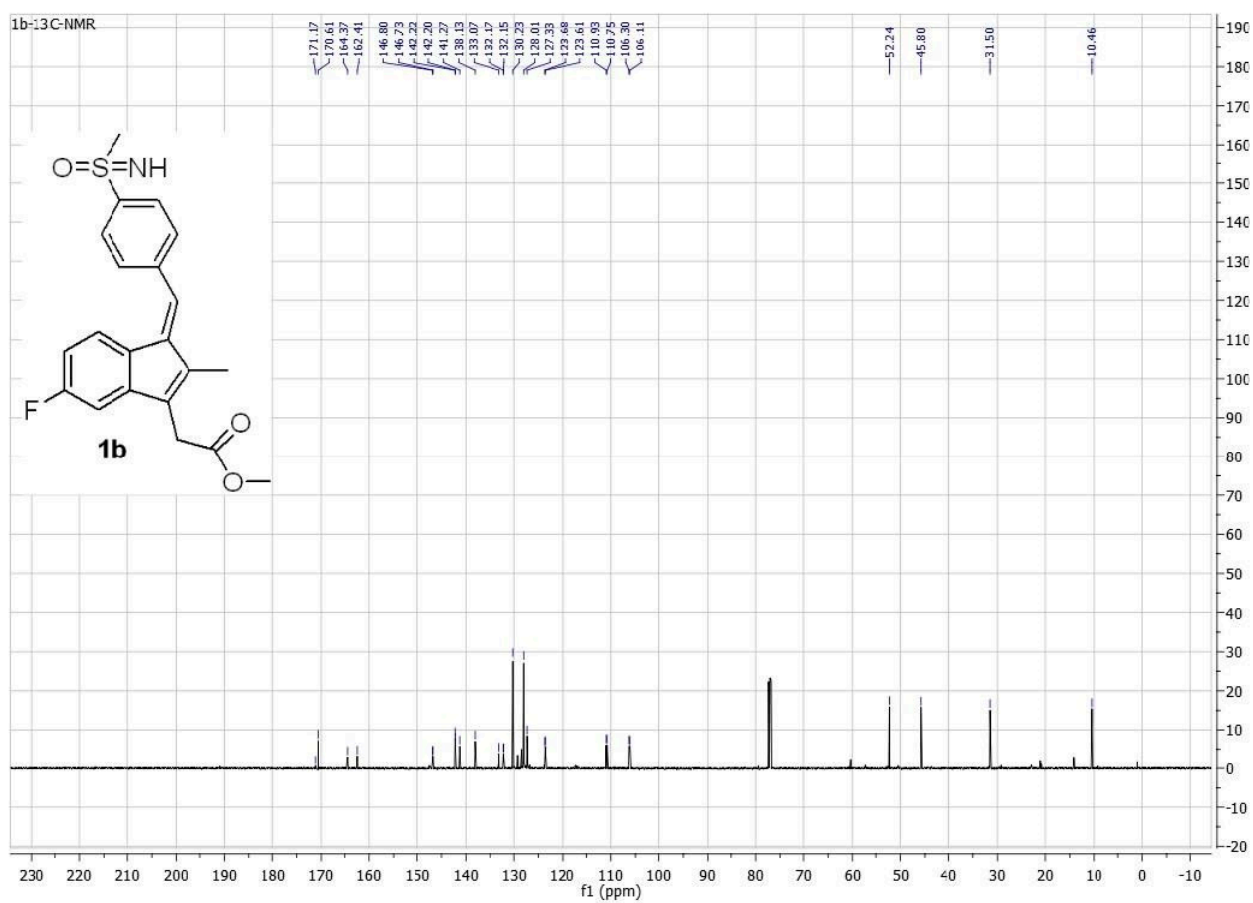


Figure S2. ¹³C-NMR (125 MHz, CDCl₃) spectrum of **Methyl-(Z)-2-(5-fluoro-2-methyl-1-(4-(methanesulfonylamino)benzylidene)-1H-inden-3-yl)acetate (1b)**.

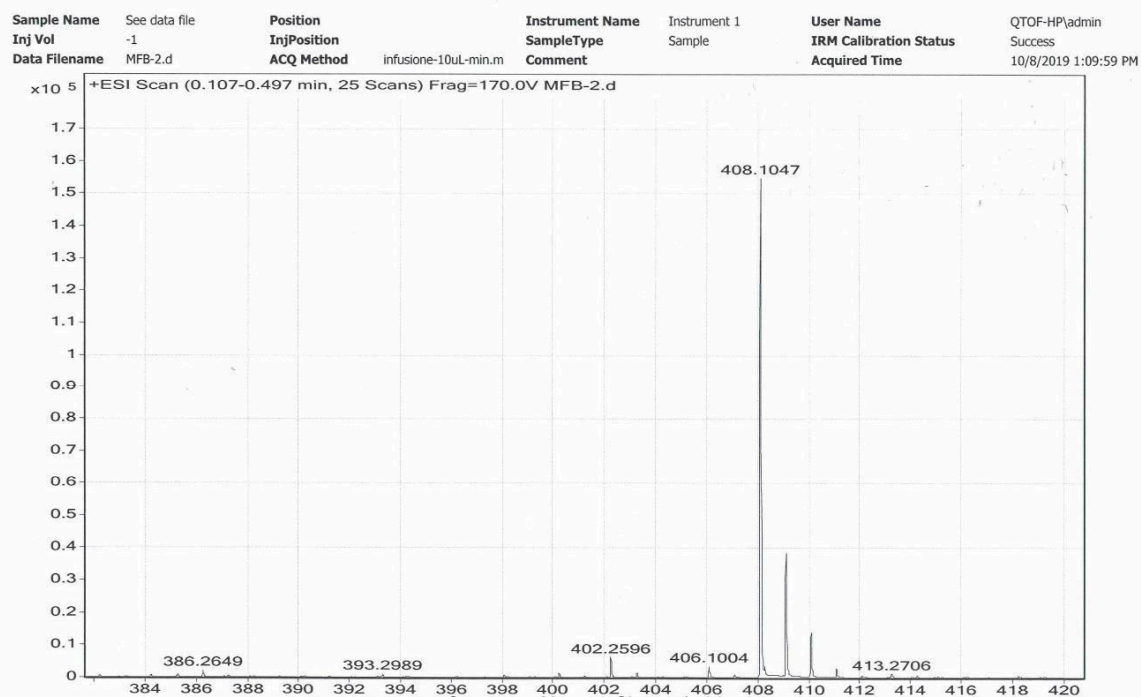


Figure S3. HRMS (ESI-TOF) spectrum of **Methyl-(Z)-2-(5-fluoro-2-methyl-1-(4-(S-methylsulfonimidoyl)benzylidene)-1Hinden-3-yl)acetate(1b)**.

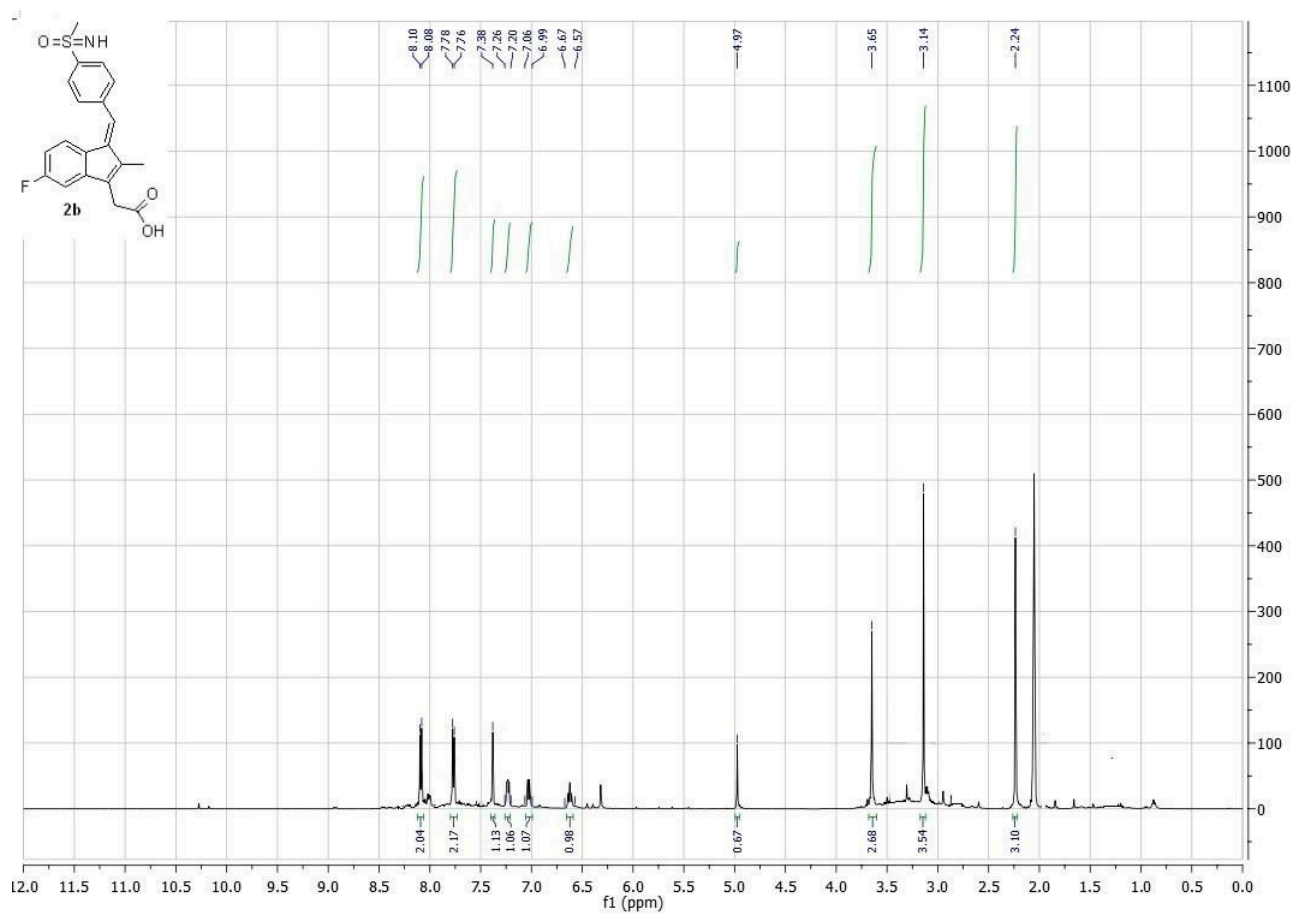


Figure S4. ¹H-NMR (500 MHz, Acetone-d₆) spectrum of **(Z)-2-(5-fluoro-2-methyl-1-(4-(S-methylsulfonimidoyl)benzylidene)1H-inden-3-yl)acetic acid (2b)**.

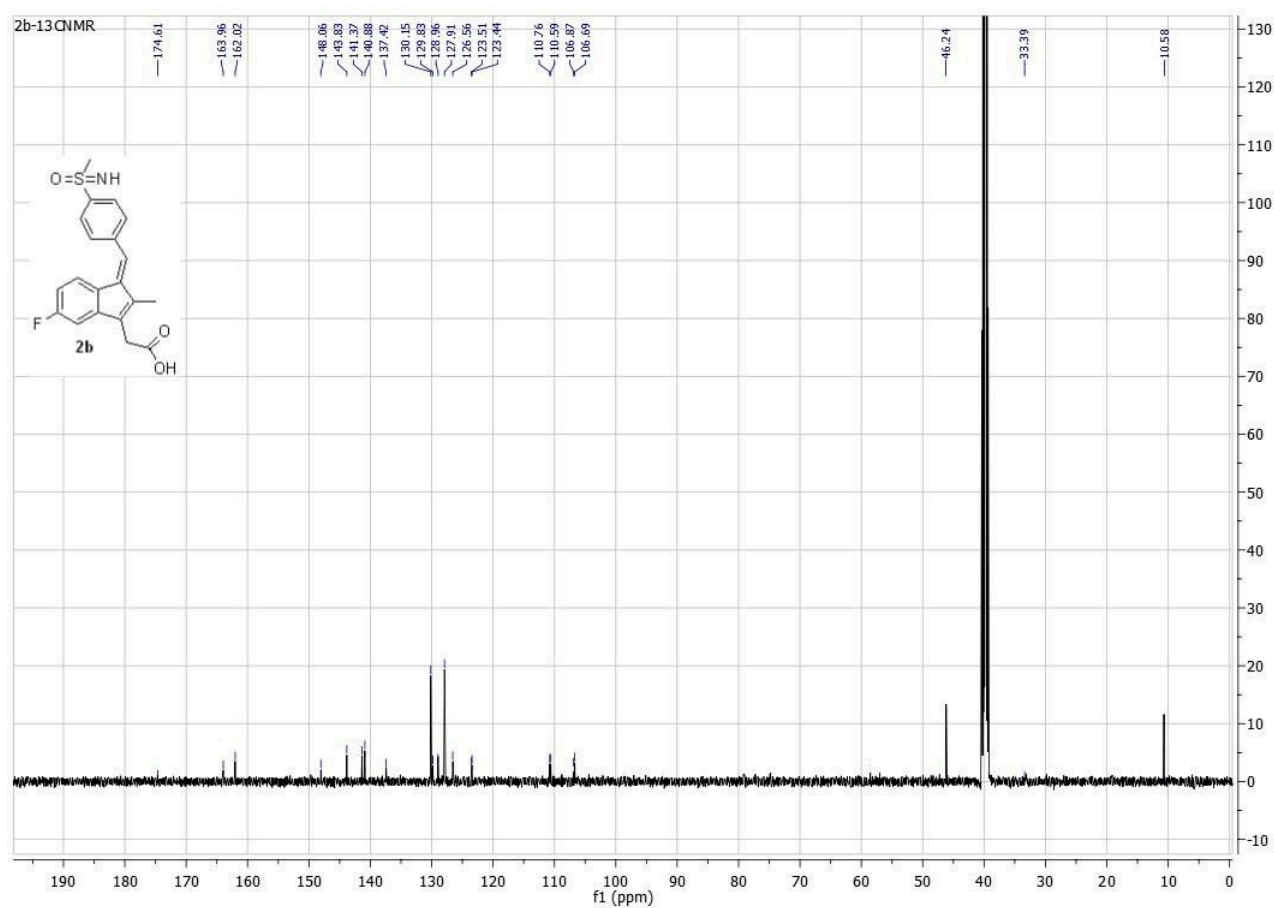


Figure S5. ^{13}C -NMR (125 MHz, DMSO-d_6) spectrum of (Z)-2-(5-fluoro-2-methyl-1-(4-(S-methylsulfonimidoyl)benzylidene)1H-inden-3-yl)acetic acid (**2b**).

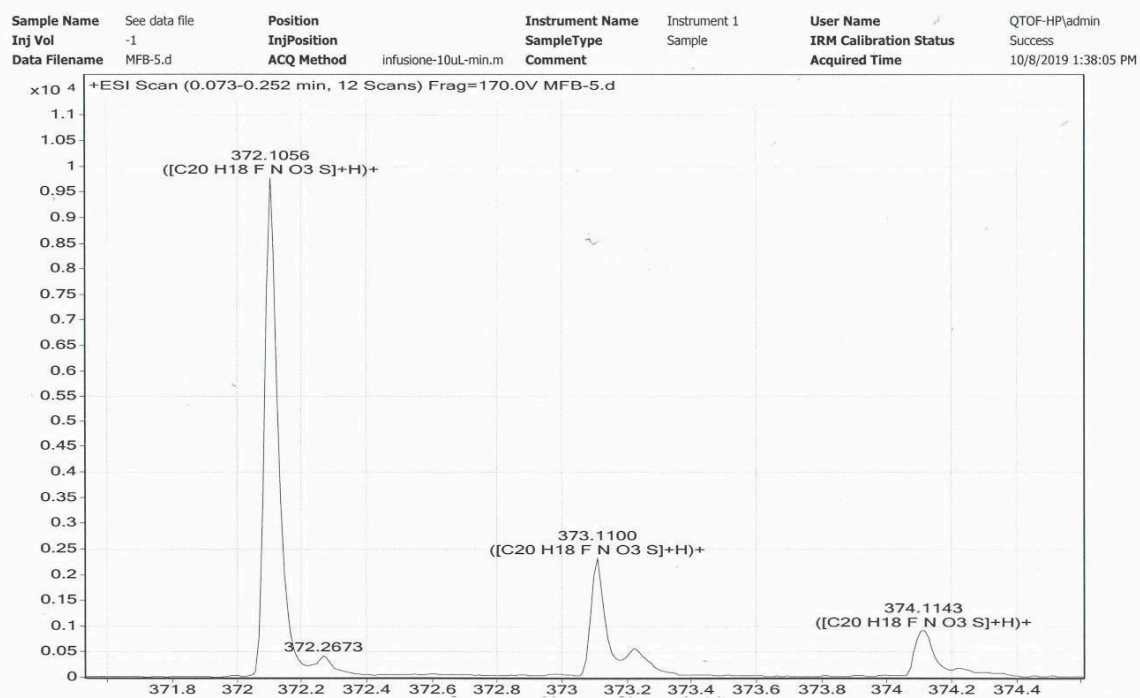


Figure S6. HRMS (ESI-TOF) spectrum of **(Z)-2-(5-fluoro-2-methyl-1-(4-(S-methylsulfonimidoyl)benzylidene)-1H-inden-3yl)acetic acid (2b)**.