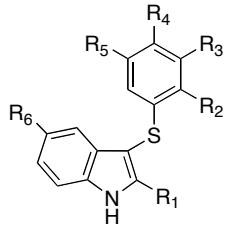


Supporting Information

New Arylthioindoles Inhibitors of Tubulin Polymerization. 3. Biological Evaluation, Structure-Activity Relationships and Molecular Modeling Studies

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TOC Graphic



R₁ = H, CH₃; R₂₋₅ = H, CH₃, OCH₃; R₆ = H, F, Cl, Br, I, NO₂, NH₂, OCH₃, OC₂H₅, OCH(CH₃)₂, OH, CH₂CH₂OH, CH₂CH₂OCH₂Ph.

Contents

Appendix 1. Elemental Analyses of Compounds 10-28.

Appendix 1. Elemental Analyses of Compounds **10-28**.

Compd	Calculated	Found
10	C, 64.74; H, 5.43; N, 4.44; S, 10.17	C, 64.42; H, 5.36; N, 4.25; S, 9.96
11	C, 65.63; H, 5.81; N, 4.25; S, 9.73	C, 65.38; H, 5.72; N, 4.11; S, 9.55
12	C, 62.17; H, 4.17; Cl, 12.23; N, 4.83; S, 11.07	C, 62.02; H, 4.12; Cl, 12.15; N, 4.72; S, 10.92
13	C, 66.77; H, 4.90; Cl, 12.32; N, 4.87; S, 11.14	C, 66.54; H, 4.77; Cl, 12.15; N, 4.55; S, 10.96
14	C, 58.37; H, 4.61; Cl, 10.13; N, 4.00; S, 9.17	C, 58.21; H, 4.54; Cl, 10.02; N, 3.84; S, 8.98
15	C, 59.42; H, 4.99; Cl, 9.74; N, 3.85; S, 8.81	C, 59.26; H, 4.93; Cl, 9.56; N, 3.77; S, 8.70
16	C, 51.79; H, 4.09; N, 3.55; S, 8.13	C, 51.61; H, 3.97; N, 3.48; S, 7.92
17	C, 46.27; H, 3.65; 10.88; S, 7.27	C, 46.10; H, 3.61; 10.62; S, 7.10
18	C, 61.25; H, 4.84; N, 4.20; S, 9.62	C, 61.04; H, 4.72; N, 3.97; S, 9.39
19	C, 56.66; H, 4.47; N, 7.77; S, 8.90	C, 56.48; H, 4.42; N, 7.65; S, 8.77
20	C, 61.80; H, 5.49; N, 8.48; S, 9.70	C, 61.64; H, 5.42; N, 8.32; S, 9.58
21	C, 65.63; H, 5.81; N, 4.25; S, 9.73	C, 65.36; H, 5.67; N, 4.06; S, 9.58
22	C, 62.59; H, 5.54; N, 4.06; S, 9.28	C, 62.47; H, 5.48; N, 3.88; S, 9.06
23	C, 63.49; H, 5.89; N, 3.90; S, 8.92	C, 63.40; H, 5.83; N, 3.81; S, 8.78
24	C, 63.49; H, 5.89; N, 3.90; S, 8.92	C, 63.28; H, 5.72; N, 3.77; S, 8.80
25	C, 64.32; H, 6.21; N, 3.75; S, 8.59	C, 64.18; H, 6.16; N, 3.55; S, 8.42
26	C, 61.61; H, 5.17; N, 4.23; S, 9.68	C, 61.50; H, 5.11; N, 4.06; S, 9.48
27	C, 60.78; H, 5.64; N, 3.73; S, 8.54	C, 60.56; H, 5.54; N, 3.58; S, 8.37
28	C, 66.50; H, 5.58; N, 3.10; S, 7.10	C, 66.32; H, 5.49; N, 2.95; S, 6.96