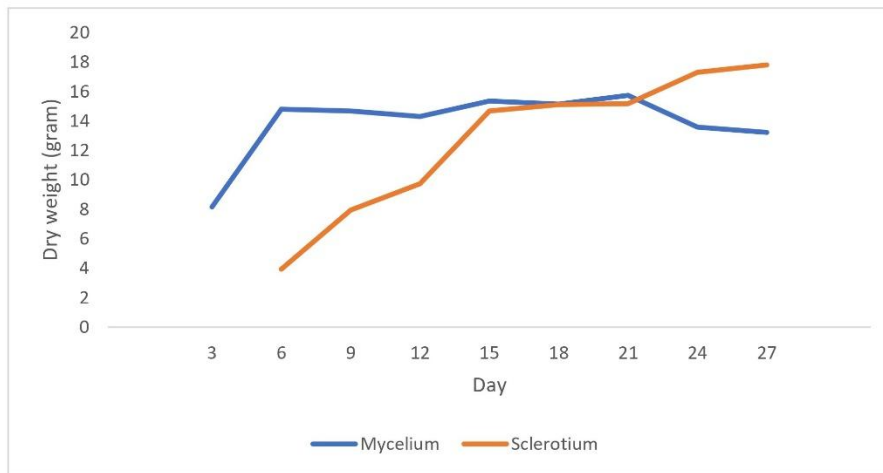
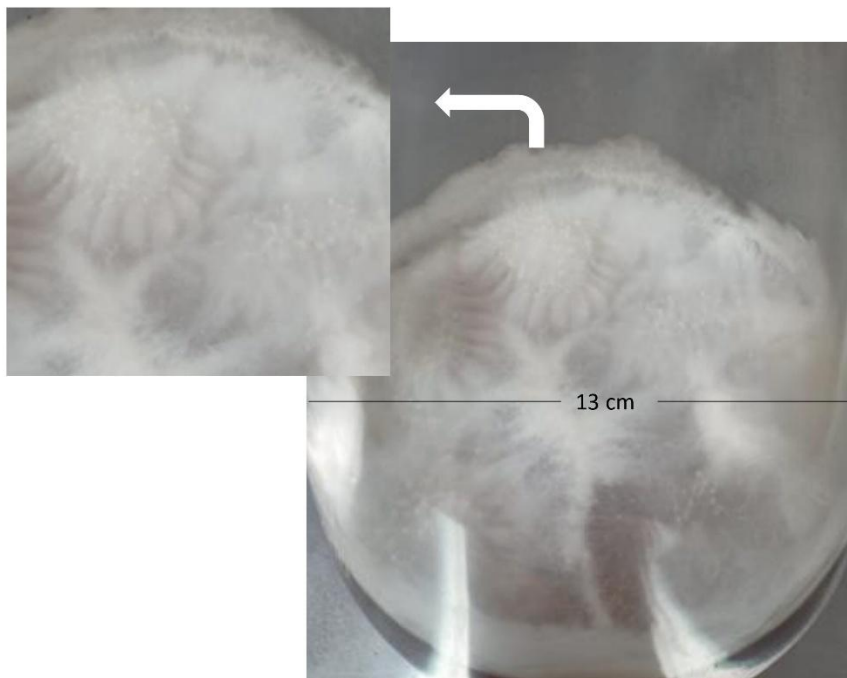


SUPPLEMENTARY MATERIALS

Supplementary Figure 1. *S. rolfsii* growth pattern of mycelia and sclerotia dry weight (gram).



Supplementary Figure 2. Morphological observation of *S. rolfsii* mycelium after 3 days of incubation. White arrow demonstrates dense white spherical hyphae masses representing an initial sclerotium formation stage.

Supplementary Table 1. ^1H and ^{13}C NMR spectral data of purified compound from *S. rolfsii*

No. of C	Type of C	*Ergosterol (CDCl_3) (Lini et al., 2020) (400 MHz)		Isolate-01 (CDCl_3 , 500 MHz)	
		δ_{C} (ppm)	δ_{H} (ppm) (ΣH , m , J in Hz)	δ_{C} (ppm)	δ_{H} (ppm) (ΣH , m , J in Hz)
1	CH_2	38.3	1.89 (2H, m)	38.52	1.87 (2H, m)
2	CH_2	32.0	1.47 (2H, m)	32.14	1.48 (2H, m)
3	CH-O	70.5	3.65 (1H, m)	70.62	3.63 (1H, m)
4	CH_2	40.8	2.47 (2H, m)	40.94	2.30 (1H, m) 2.46 (1H, m)
5	Cq	139.8	–	139.93	–
6	CH	119.6	5.57 (1H, d)	119.74	5.57 (1H, dd , $J=2.6$ & 5.7 Hz)
7	CH	116.3	5.39 (1H, d)	116.44	5.37 (1H, m)
8	Cq	141.4	–	141.51	–
9	CH	46.3	1.96 (1H, m)	46.40	1.97 (1H, m)
10	Cq	37.0	–	37.18	–
11	CH_2	21.1	1.62 (2H, m)	21.26	1.64 (2H, m)
12	CH_2	39.2	2.06 (2H, m)	39.24	2.04 (2H, m)
13	Cq	42.9	–	42.99	–
14	CH	54.6	1.89 (1H, t)	54.71	1.87 (1H, m)
15	CH_2	23.0	1.36 (2H, m)	23.14	1.30 (2H, m)
16	CH_2	28.3	1.76 (2H, m)	28.43	1.72 (2H, m)
17	CH	55.7	1.89 (1H, m)	55.89	1.87 (1H, m)
18	CH_3	12.1	0.64 (3H, s)	12.20	0.63 (3H, s)
19	CH_3	16.3	0.95 (3H, s)	16.43	0.94 (3H, s)
20	CH	40.5	2.02 (1H, m)	40.57	2.01 (1H, m)
21	CH_3	21.1	1.04 (3H, d)	21.25	1.03 (3H, d , $J=6.6$ Hz)
22	CH	131.9	5.19 (1H, m)	132.13	5.17 (1H, dd , $J=15.4$ Hz)
23	CH	135.6	5.23 (1H, m)	135.72	5.22 (1H, dd , $J=15.3$ Hz)
24	CH	42.9	1.86 (1H, m)	42.97	1.87 (1H, m)
25	CH	33.1	1.47 (1H, m)	33.24	1.48 (1H, m)
26	CH_3	19.7	0.84 (3H, m)	19.79	0.82 (3H, d , $J=7.0$ Hz)
27	CH_3	19.9	0.85 (3H, m)	20.10	0.83 (3H, d , $J=7.3$ Hz)
28	CH_3	17.6	0.92 (3H, d)	17.75	0.91 (3H, d , $J=6.8$ Hz)