

**Supplementary 5.** TLC test of the new species *Pyrenula thailandicoides* using C solvent system. 0: standard substance (*Lethariella cladonioides*, norstictic acid at Rf four and atranorin at Rf seven). 1: The bark without thallus of the new species *Pyrenula thailandicoides* (YN18015) as the control; 2: The thallus of YN18015; 3: The bark without thallus of the new species *Pyrenula thailandicoides* (FJ220208) as the control; 4: The thallus of FJ220208; 5: The bark without thallus of the new species *Pyrenula thailandicoides* (YN18212) as the control; 6: The thallus of YN18212.



