

Table S2. Peptides from endophytic fungi and their biological activities, metabolite class, fungus, host plant(s), reference.

Metabolite Class	Fungus	Host Plant(s)	Compounds Isolated	Biological Target	Biological Activity	Reference
Peptides	<i>Aspergillus terreus</i> (No. GX7-3B)	<i>Bruguiera gymnoi</i> hiza (Linn.) Savigny	Beauvericin (136)	AChE inhibitory activity	IC ₅₀ , 3.09 μM	36
			Colletotrichamide A (137)	Neuroprotection glutamate-mediated HT22 cells injury	Inactive at 100μM	
	Colletotrichamide B (138)	Cell viability of 100% at 100 μM				
	<i>Colletotrichum gloeosporioides</i> JS419		<i>Suaeda japonica</i> Makino		Colletotrichamide C (139)	
					Colletotrichamide D (140)	
		Colletotrichamide E (141)			Inactive at 100μM	
	<i>Bipolaris sorokiniana</i> LK12	<i>Rhazya stricta</i>	BZR-cotoxin I (142)	AChE, lipid peroxidation and urease inhibitory activities	Moderate activities	43
			BZR-cotoxin IV (143)			
	<i>Cryptosporiopsis</i> sp	<i>Viburnum tinus</i>	Cryptosporioptide (144)	Lipoxygenase enzyme inhibitory activity	IC ₅₀ , 49.15 ± 0.17 μM	44

IC₅₀, half maximal effective concentration.