

Table S4 Stabilities of the four satratoxins in human serum samples under different storage conditions

Concentration	Storage Temperature	Storage Period	Thawing Temperature	Compound	Recovery after Storage (% , $n = 5$ )*	Summary of Recovery (%)
20 ng/mL	rt	1 week	-	Satratoxin H	111 $\pm$ 9.26	398
				Satratoxin H 12'-Acetate	104 $\pm$ 7.2	
				Satratoxin H 13'-Acetate	106 $\pm$ 9.39	
				Satratoxin H 12',13'-Diacetate	77.3 $\pm$ 4.65	
	-20 °C	1 week	rt	Satratoxin H	99.4 $\pm$ 4.24	399
				Satratoxin H 12'-Acetate	101 $\pm$ 2.92	
				Satratoxin H 13'-Acetate	97.6 $\pm$ 4.04	
				Satratoxin H 12',13'-Diacetate	101 $\pm$ 4.63	
		1 week	4 °C	Satratoxin H	98.9 $\pm$ 3.68	397
				Satratoxin H 12'-Acetate	98.6 $\pm$ 2.93	
				Satratoxin H 13'-Acetate	100 $\pm$ 4.31	
				Satratoxin H 12',13'-Diacetate	100 $\pm$ 4.48	
		3 weeks	rt	Satratoxin H	100 $\pm$ 3.47	399
				Satratoxin H 12'-Acetate	99.4 $\pm$ 4.39	
				Satratoxin H 13'-Acetate	98.3 $\pm$ 3.18	
				Satratoxin H 12',13'-Diacetate	100 $\pm$ 1.42	
1 ng/mL	-20 °C	1 week	rt	Satratoxin H	98.0 $\pm$ 3.36	403
				Satratoxin H 12'-Acetate	106 $\pm$ 5.88	
				Satratoxin H 13'-Acetate	96.5 $\pm$ 5.80	
				Satratoxin H 12',13'-Diacetate	102 $\pm$ 1.48	

rt room temperature

\* Mean  $\pm$  standard deviation.