

Supplemental Table 1 - Statistical Comparisons of Selected Plasma N-Acetyl-CEM-101 Pharmacokinetic Parameters on Days 1 and 5

Comparison	Parameter	Geometric LS Means		Geometric Mean Ratio (%) (test/reference)	90% Confidence Intervals	%CV
		Test Group	Reference Group			
Day 1						
Mild versus Control	C _{max} (µg/mL)	0.067	0.050	133.06	57.44 - 308.24	128.55
	AUC _{0-inf} (µg•hr/mL)	0.616	0.835	73.85	36.83 - 148.09	92.79
Moderate versus Control	C _{max} (µg/mL)	0.069	0.050	137.99	59.57 - 319.67	128.55
	AUC _{0-inf} (µg•hr/mL)	0.787	0.835	94.25	47.00 - 188.98	92.79
Severe versus Control	C _{max} (µg/mL)	0.136	0.050	268.74	116.01 - 622.55	128.55
	AUC _{0-inf} (µg•hr/mL)	1.654	0.835	198.01	96.53 - 406.21	92.79
Day 5						
Mild versus Control	C _{max} (µg/mL)	0.062	0.047	132.78	68.27 - 258.25	91.85
	AUC _{0-tau} (µg•hr/mL)	0.545	0.423	128.99	67.92 - 244.96	87.51
Moderate versus Control	C _{max} (µg/mL)	0.073	0.047	154.99	79.69 - 301.46	91.85
	AUC _{0-tau} (µg•hr/mL)	0.697	0.423	164.76	86.76 - 312.89	87.51
Severe versus Control	C _{max} (µg/mL)	0.104	0.047	220.60	113.42 - 429.07	91.85
	AUC _{0-tau} (µg•hr/mL)	1.225	0.423	289.55	152.47 - 549.88	87.51
Parameters were ln-transformed prior to analysis.						
Geometric least-squares means (LS Means) are calculated by exponentiating the LSMEANS from the ANOVA.						
% Geometric Mean Ratio = 100*(test/reference)						

Supplemental Table 2 - Statistical Comparisons of Selected Plasma CEM-214 Pharmacokinetic Parameters on Days 1 and 5

Comparison	Parameter	Geometric LS Means		Geometric Mean Ratio (%) (test/reference)	90% Confidence Intervals	%CV
		Test Group	Reference Group			
Day 1						
Mild versus Control	C _{max} (µg/mL)	0.030	0.025	121.62	62.16 - 237.93	92.93
	AUC _{0-inf} (µg·hr/mL)	0.426	0.628	67.96	36.29 - 127.27	76.53
Moderate versus Control	C _{max} (µg/mL)	0.015	0.025	59.71	30.52 - 116.81	92.93
	AUC _{0-inf} (µg·hr/mL)	0.342	0.628	54.47	28.54 - 103.95	76.53
Severe versus Control	C _{max} (µg/mL)	0.013	0.025	53.49	27.34 - 104.65	92.93
	AUC _{0-inf} (µg·hr/mL)	0.238	0.628	37.87	19.84 - 72.27	76.53
Day 5						
Mild versus Control	C _{max} (µg/mL)	0.029	0.026	108.93	67.57 - 175.59	60.86
	AUC _{0-tau} (µg·hr/mL)	0.375	0.514	72.99	48.68 - 109.46	48.50
Moderate versus Control	C _{max} (µg/mL)	0.020	0.026	75.75	46.99 - 122.11	60.86
	AUC _{0-tau} (µg·hr/mL)	0.277	0.514	53.90	35.94 - 80.83	48.50
Severe versus Control	C _{max} (µg/mL)	0.013	0.026	48.47	30.07 - 78.13	60.86
	AUC _{0-tau} (µg·hr/mL)	0.198	0.514	38.51	25.68 - 57.75	48.50
Parameters were ln-transformed prior to analysis. Geometric least-squares means (LS Means) are calculated by exponentiating the LSMEANS from the ANOVA. % Geometric Mean Ratio = 100*(test/reference)						