

Design, Development, and Evaluation of Constant Voltage Iontophoresis for the Transungual Delivery of Efinaconazole

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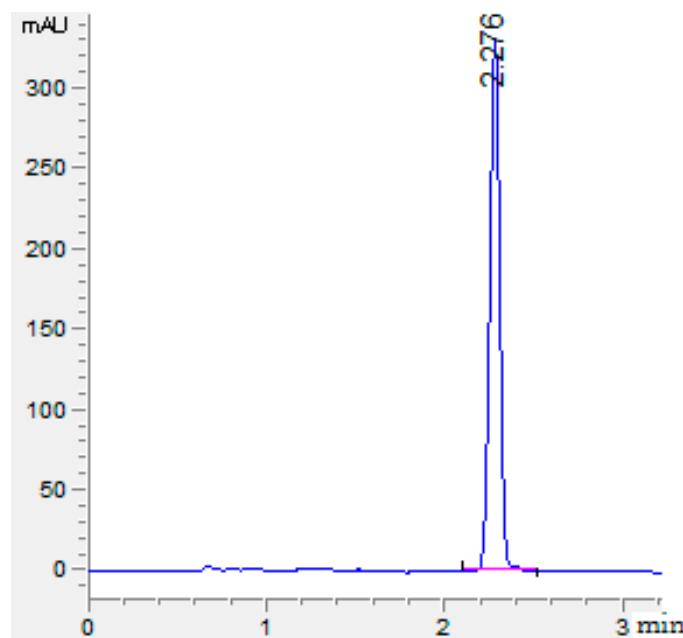


Figure S1. Representative HPLC chromatogram of efinaconazole.

Scaled Estimates					
Nominal factors expanded to all levels					
Term	Scaled Estimate		Std Error	t Ratio	Prob> t
Intercept	49.66827		0.482759	102.88	<.0001*
Voltage range[4.5]	-22.26589		0.703737	-31.64	<.0001*
Voltage range[7.5]	-0.038118		0.638631	-0.06	0.9539
Voltage range[10.5]	22.304007		0.661046	33.74	<.0001*
Solvent:Cosolvent[1:0.5]	-0.509859		0.661046	-0.77	0.4627
Solvent:Cosolvent[1:1]	1.9378624		0.703737	2.75	0.0249*
Solvent:Cosolvent[1.5:1]	-1.428003		0.638631	-2.24	0.0558
Enhancer- PEG 400[20]	-3.993007		0.703737	-5.67	0.0005*
Enhancer- PEG 400[25]	-0.077471		0.661046	-0.12	0.9096
Enhancer- PEG 400[30]	4.0704782		0.638631	6.37	0.0002*

Figure S2. Scaled estimates for drug permeation. *significant

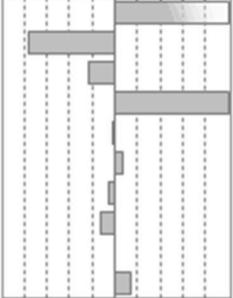
Scaled Estimates					
Nominal factors expanded to all levels					
Term	Scaled Estimate		Std Error	t Ratio	Prob> t
Intercept	2.2282625		0.021789	102.26	<.0001*
Voltage range[4.5]	-0.744747		0.031763	-23.45	<.0001*
Voltage range[7.5]	-0.227368		0.028825	-7.89	<.0001*
Voltage range[10.5]	0.9721154		0.029836	32.58	<.0001*
Solvent:Cosolvent[1:0.5]	-0.009115		0.029836	-0.31	0.7678
Solvent:Cosolvent[1:1]	0.0631313		0.031763	1.99	0.0821
Solvent:Cosolvent[1.5:1]	-0.054017		0.028825	-1.87	0.0978
Enhancer- PEG 400[20]	-0.127101		0.031763	-4.00	0.0039*
Enhancer- PEG 400[25]	-0.003151		0.029836	-0.11	0.9185
Enhancer- PEG 400[30]	0.1302518		0.028825	4.52	0.0020*

Figure S3. Scaled estimates for drug loading. *significant