

Materials List for

# Estimating the Yield of Compounds on the TLC Plate via the Blue-LED Illumination Technique

Ke-Rui Chou<sup>1</sup>, HsinYuan Tsai<sup>1,2</sup>

<sup>1</sup>Department of Marine Biotechnology and Resources, National Sun Yat-sen University <sup>2</sup>Doctoral Degree Program in Marine Biotechnology, National Sun Yat-sen University

## Corresponding Author

HsinYuan Tsai  
hytsai@g-mail.nsysu.edu.tw

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## Materials

Name	Company	Catalog Number	Comments
American bacteriological Agar	Condalab	1802.00	
<i>Aspergillus terreus</i>		ATCC 20542	
Blue-LED illuminator	MICROTEK	Bio-1000F	
Centrifuge	Thermo Scientific	HERAEUS Megafuge 8	
Compact UV lamp	UVP	UVGL-25	
Ethyl Acetate	MACRON	MA-H078-10	
Filter Paper 125mm	ADVANTEC	60311102	
ImageJ	NIH	Freeware	<a href="https://imagej.nih.gov/ij/download.html">https://imagej.nih.gov/ij/download.html</a>
Lovastatin standard	ACROS	A0404262	
MiBio Fluo	MICROTEK	V1.04	
n-Hexane	C-ECHO	HH3102-000000-72EC	
OriginPro	OriginLab	9.1	<a href="https://www.originlab.com/origin">https://www.originlab.com/origin</a>
Potato dextrose broth H	STBIO MEDIA	110533	
Rotary evaporator	EYELA	SB-1000	
Sulfuric acid	Fluka	30743-2.5L-GL	
TLC silica gel 60 F254	MERCK	1.05554.0001	
Trifluoroacetic acid	Alfa Aesar	10229873	
Ultrasonic vibration machine	DELTA	DC600	