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Fig. 3.71 Lineweaver-Burk plots sinigrin hydrolyzing activity of crude

Aspergillus sp. NR463U4 myrosinase. Enzyme activity was

determined by the coupled enzyme assay.

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#### ABBREVIATIONS AND SYMBOLS

ATP

adenosine triphosphate

°C

degree celsius

**EMS** 

ethyl methane sulfonate

xg

relative gravity

g

gram

mg

milligram

G-6-PD

glucose-6-phosphate dehydrogenase

HK

hexokinase

hr

hour

1

liter

μl

microliter

μmole

micromole

ml

milliliter

m

meter

MNNG

N-methyl-N'-nitro-N-nitrosoguanidine

cm

centimeter

nm

nanometer

PDA

potato dextrose agar

 $K_{\rm m}$ 

Michaelis-Menten's constant

 $K_{i}$ inhibition constant  $K_{\text{react}}$ reaction constant revolution per minute rpm 2/02/31/ min minute second sec [S] substrate concentration U unit V velocity maximum velocity  $V_{\rm max}$ 

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