

Supporting Information

Synthesis and Anticancer Activity Comparison of Phenylalkyl Isoselenocyanates with Corresponding Naturally Occurring and Synthetic Isothiocyanates

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Table of Contents

¹H NMR data

1c	S2
1d	S2

¹H NMR Spectra

1c	S3
1d	S4
2a	S5
4b	S6
2b	S7
4c	.....	S8
2c	.....	S9
4d	.....	S10
2d	.....	S11
5	.....	S12
6	.....	S13

Phenylbutyl isothiocyanate (1c) and **Phenylhexyl isothiocyanate (1d)** were synthesized according to a literature method and their purity was confirmed by 500 MHz ^1H NMR spectra.

Phenylbutyl isothiocyanate (1c). ^1H NMR (CDCl_3 , 500 MHz) δ 1.72-1.80 (m, 4H), 2.66 (t, 2H, $J = 7.0$ Hz), 3.52 (t, 2H, $J = 6.5$ Hz), 7.17-7.22 (m, 3H), 7.28-7.31 (m, 2H).

Phenylhexyl isothiocyanate (1d). ^1H NMR (CDCl_3 , 500 MHz) δ 1.34-1.40 (m, 2H), 1.42-1.48 (m, 2H), 1.62-1.72 (m, 4H), 2.63 (t, 2H, $J = 7.5$ Hz), 3.50 (t, 2H, $J = 6.5$ Hz), 7.18-7.21 (m, 3H), 7.28-7.31 (m, 2H).





















