

## Article

# Supplementary Material: Preclinical Evaluation of a Lead Specific Chelator (PSC) Conjugated to Radiopeptides for $^{203}\text{Pb}$ and $^{212}\text{Pb}$ -Based Theranostics

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**Table S1.** Time-dependent normalization factors for the measurement of  $^{212}\text{Pb}$  radioactivity.

Time since purification of $^{212}\text{Pb}$	Normalization Factors*
25 min	2.65
30 min	2.52
35 min	2.29
45 min	2.04
55 min	1.87
1 h 15 min	1.59
1 h 20 min	1.51
1 h 35 min	1.42
1 h 47 min	1.33
1 h 50 min	1.3
2 h	1.28
2h 8 min	1.24
2 h 20 min	1.21
2h 30 min	1.19
2 h 45 min	1.14
3 h	1.13
3 h 10 min	1.12
3 h 20	1.1
3 h 35 min	1.09
3 h 40 min	1.09
4 h	1.07
4 h 30 min	1.05
5 h	1.04
5 h 30 min	1.03
6 h	1.02
$^{212}\text{Pb}/^{212}\text{Bi}$ equilibrium	1 (Dial# 690)
<p><b>*Note:</b>  <math>A_{\text{Real}} = A_{\text{Read}} \times F</math>            where <math>A_{\text{Real}}</math> is the real radioactivity, <math>A_{\text{Read}}</math> is the measured radioactivity under Dial# 760 for in 20 mL LSC vials, 10 mL ALK glass vial and 20 mL ALK glass vial. #790 for 1.5 mL tube and 3 mL syringe. #672 for 30 mL ALK glass vial.</p>	