

Supplemental Table 1 – Summary of some ¹¹ C tracer dosimetry studies			
Radiotracer	Effective Dose (mSv MBq ⁻¹)	Top Organ & Dose (mSv MBq ⁻¹)	Reference
[¹¹ C]ABP688	3.7 × 10 ⁻³ (effective dose equivalent)	Liver 1.6 × 10 ⁻²	(1)
[¹¹ C]Acetate	4.9 × 10 ⁻³	Pancreas 1.7 × 10 ⁻²	(2)
[¹¹ C]DASB	7.0 × 10 ⁻³	Lung 3.2 × 10 ⁻²	(3)
[¹¹ C]Glucose	4.3 × 10 ⁻³	Brain 1.2 × 10 ⁻²	(4)
[¹¹ C]Methionine	5.2 × 10 ⁻³	Pancreas 2.3 × 10 ⁻²	(5)
[¹¹ C]Methoxyprogabidic acid	4.8 × 10 ⁻³	Small intestine 3.1 × 10 ⁻² only “Critical organs“ reported	(6)
[¹¹ C]Mirtazapine	6.8 × 10 ⁻³	Lungs 3.2 × 10 ⁻²	(7)
[¹¹ C]MP4B	4.2 × 10 ⁻³	Urinary Bladder Wall 1.9 × 10 ⁻²	(8)
[¹¹ C]NNC 112	5.7 × 10 ⁻³	Gallbladder wall 3.2 × 10 ⁻²	(9)
[¹¹ C]NPA	6.7 × 10 ⁻³	Gallbladder wall 2.8 × 10 ⁻²	Current study
[¹¹ C]Raclopride	6.3 × 10 ⁻³	Gallbladder 3.2 × 10 ⁻²	(10)
[¹¹ C]Raclopride	6.7 × 10 ⁻³	Kidneys 4.1 × 10 ⁻²	(11)
[¹¹ C]WAY100635	14.1 × 10 ⁻³	Urinary bladder wall 19 × 10 ⁻²	(12)

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