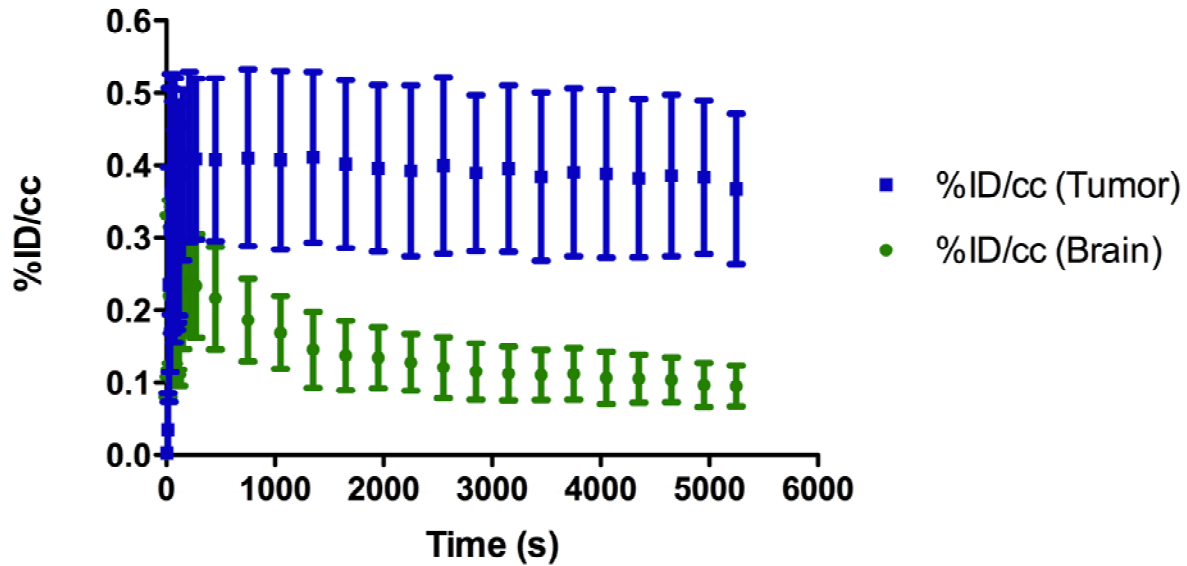


SUPPLEMENTAL FIGURE 1. Mean relative quantities of measured radiometabolites for [¹⁸F]DPA-714 from multiple dynamic PET studies in rats (*MEAN ± SD*).



SUPPLEMENTAL FIGURE 2. Time-activity curves (TACs) derived from nine 90-min dynamic studies with [^{18}F]DPA-714 in C6 glioma bearing rats (*MEAN* \pm *SD*).

SUPPLEMENTAL TABLE 1. [¹⁸F]DPA-714 Uptake in Different Tissues (Last 30 min of Dynamic Scan)

	%ID/cc (Brain)	%ID/cc (Tumor)	%ID/cc (Skull)	%ID/cc (Harderian Gland)	Ratio (Tumor/Brain)
Mean (N=11)	0.088	0.331	0.301	0.484	3.828
SD (N=11)	0.033	0.109	0.091	0.177	0.645