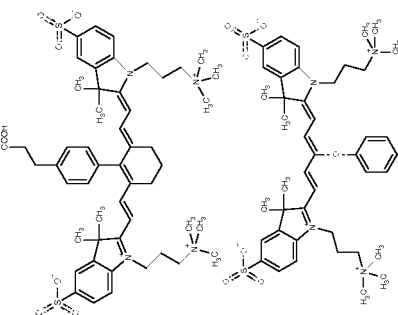
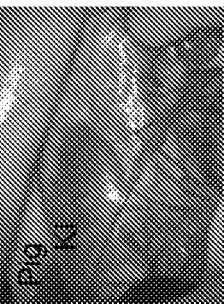
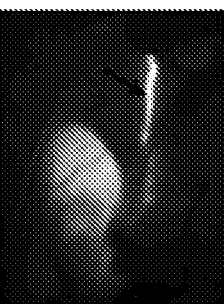
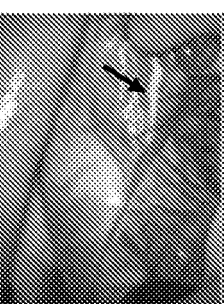
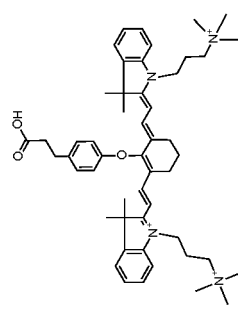
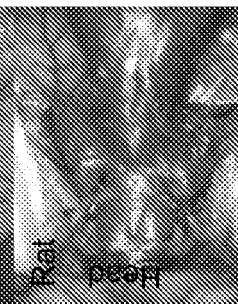
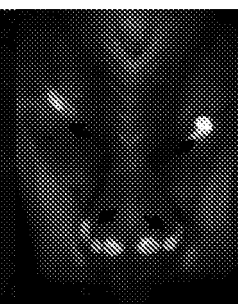
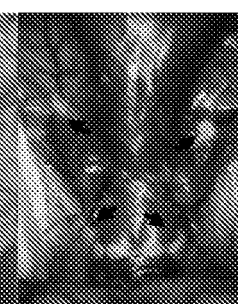
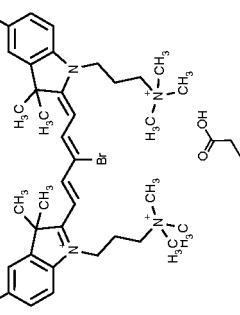
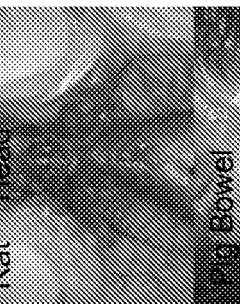
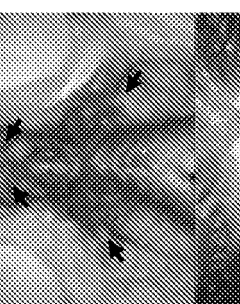
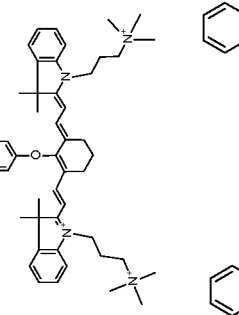
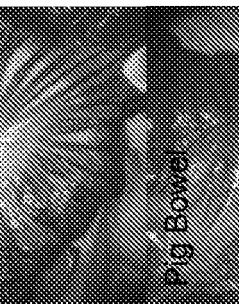
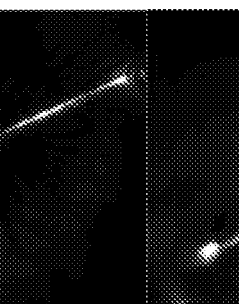
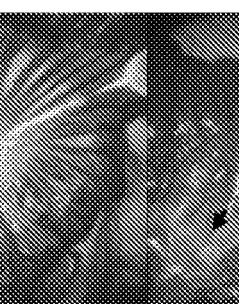
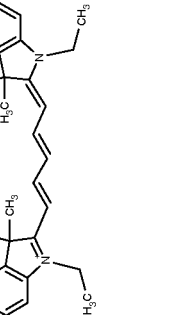
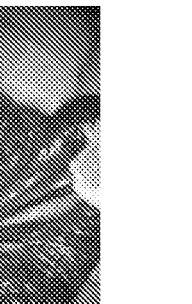
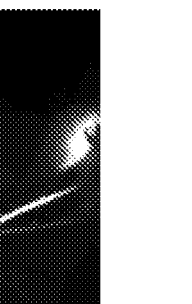
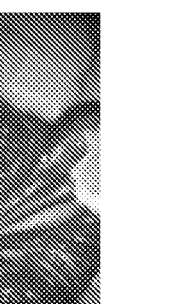
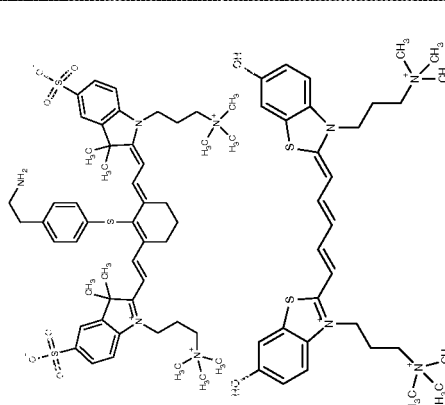
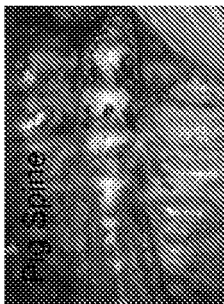
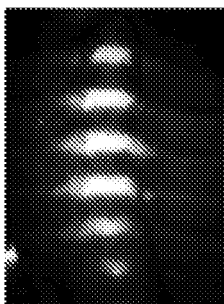
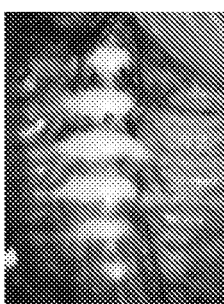
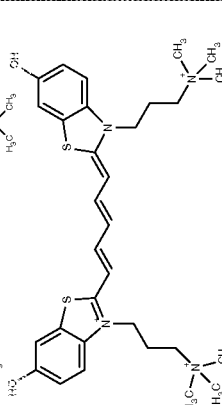
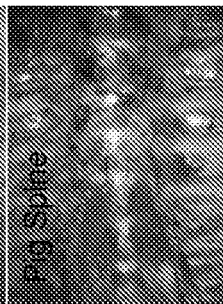
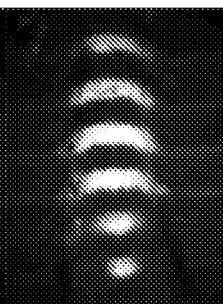
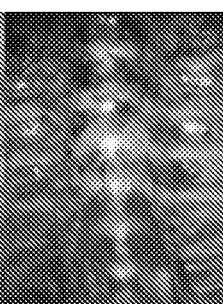
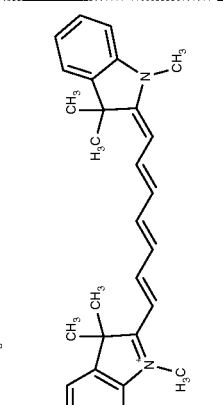
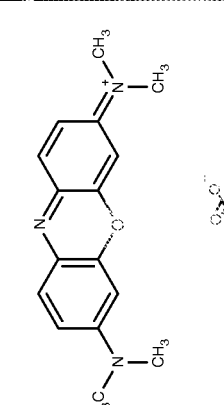
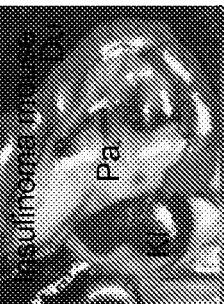
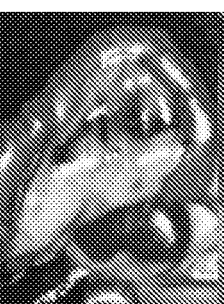
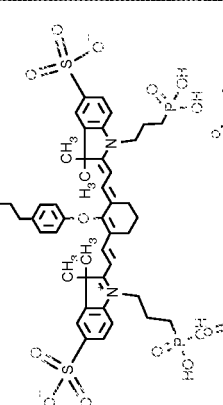
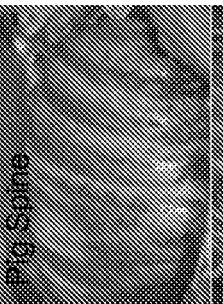
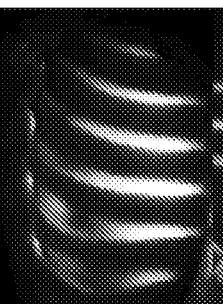
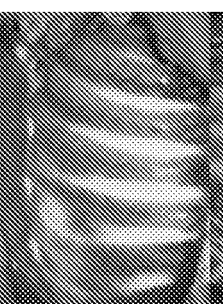
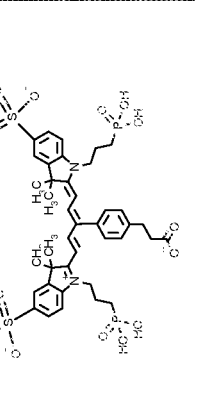
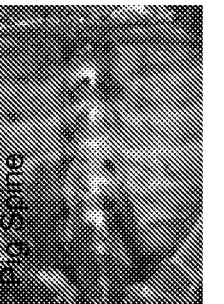
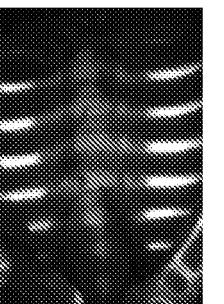
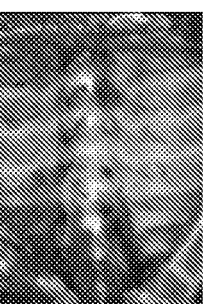
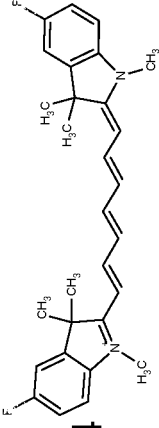
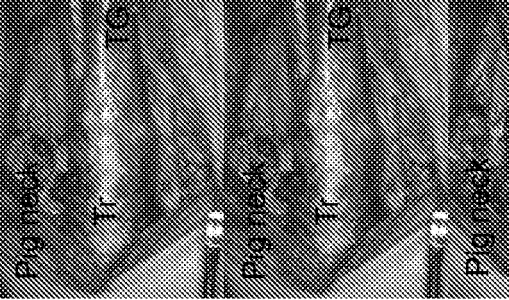
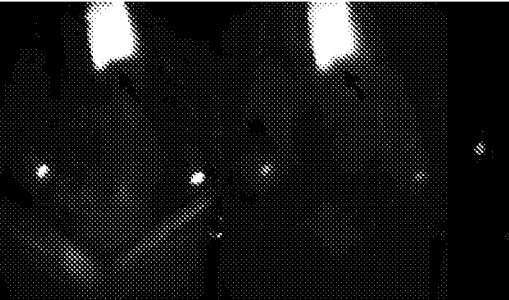
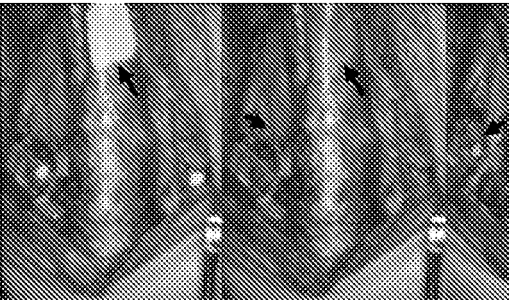
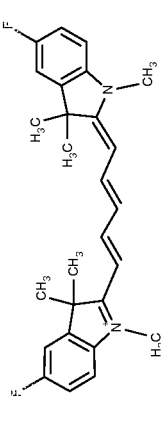
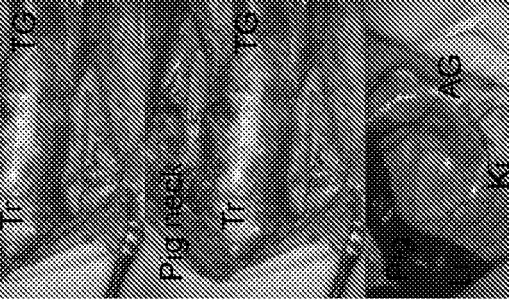
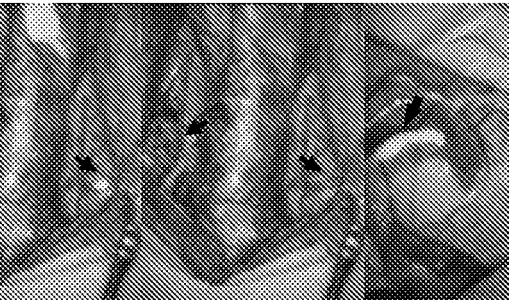
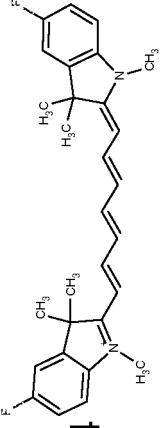
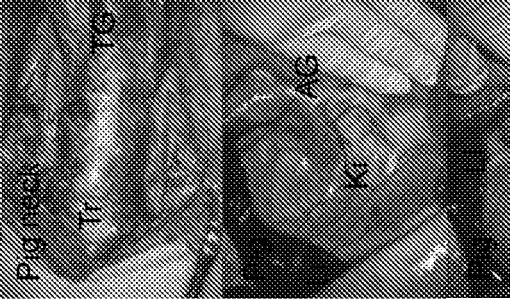
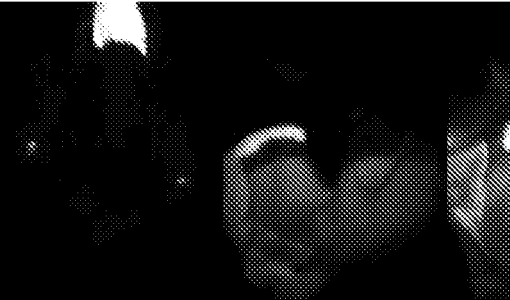
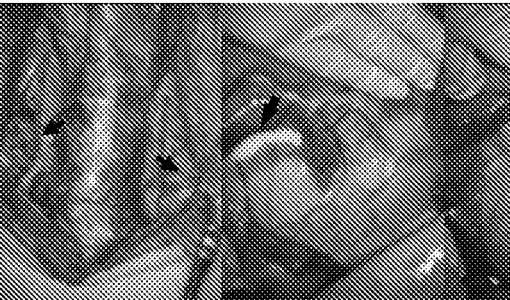
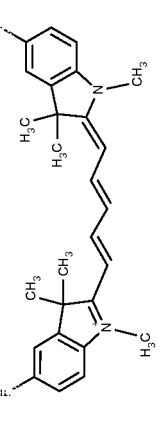
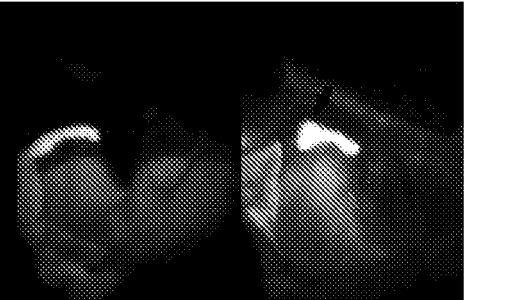
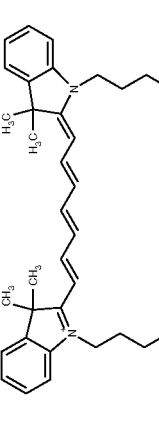
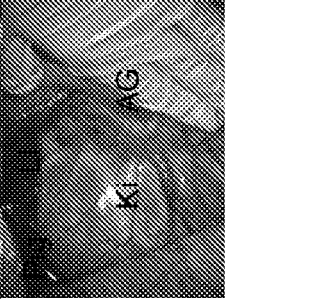
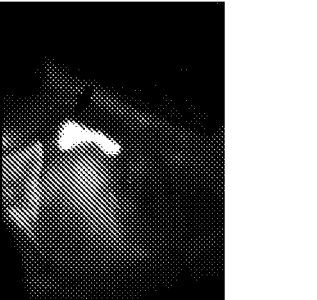
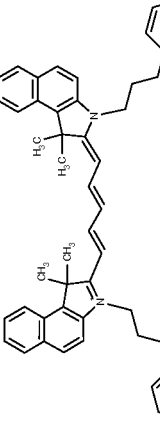
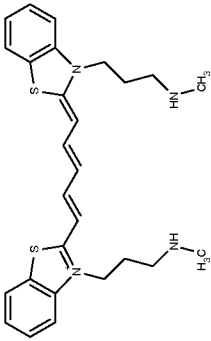
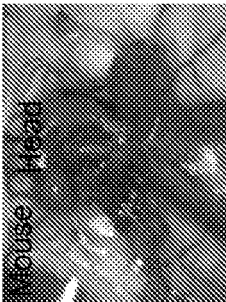
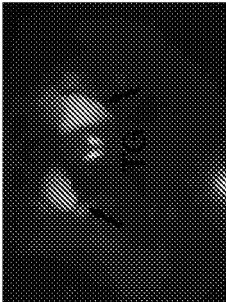
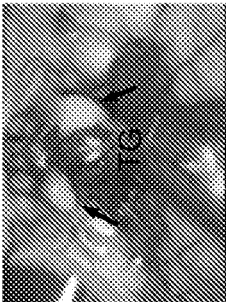
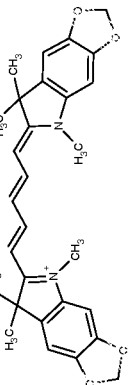
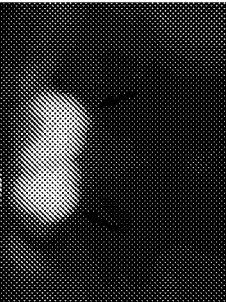
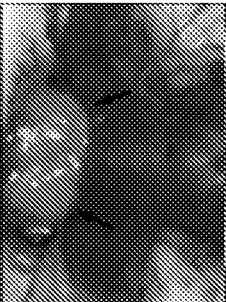
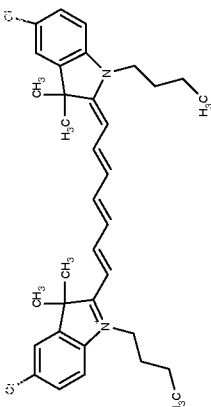
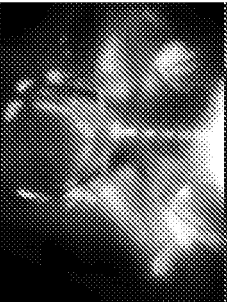
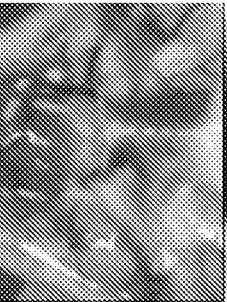
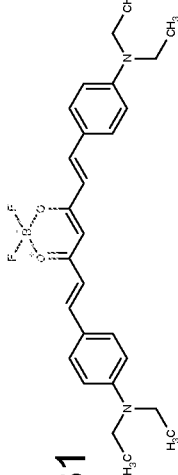
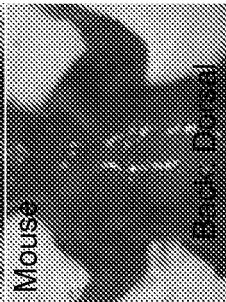
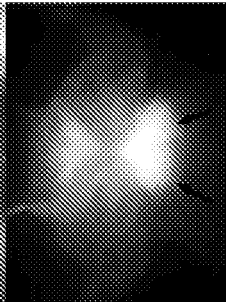
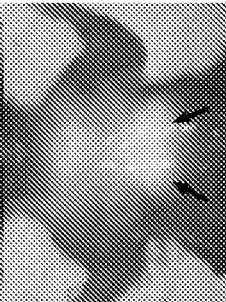
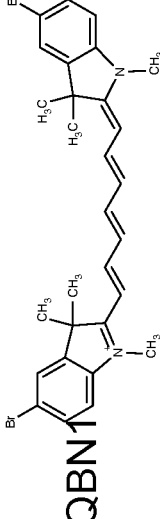
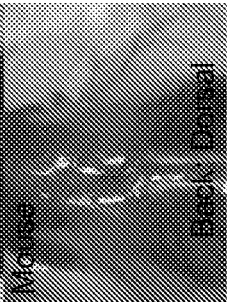
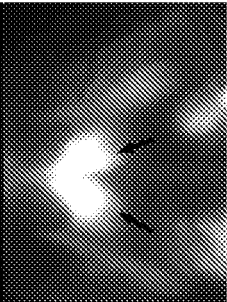
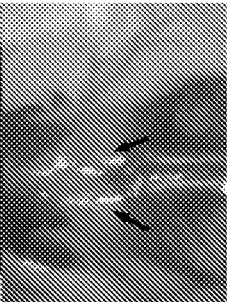
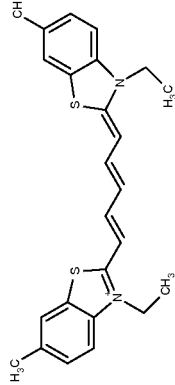
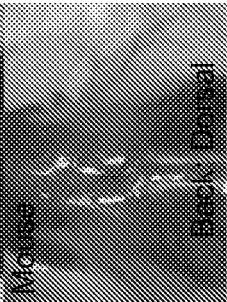
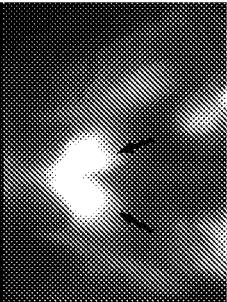
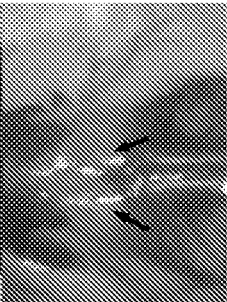
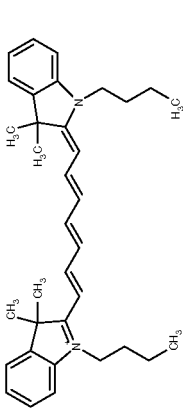
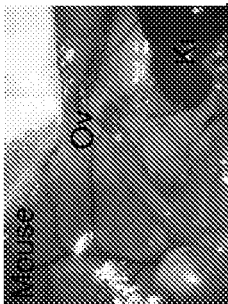
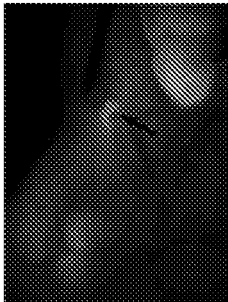
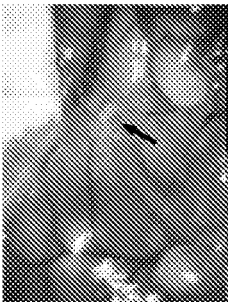
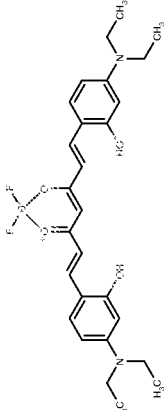
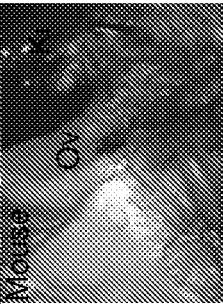
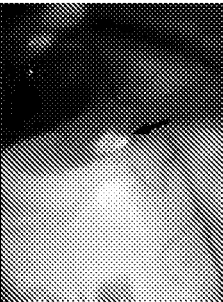
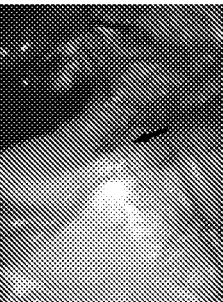
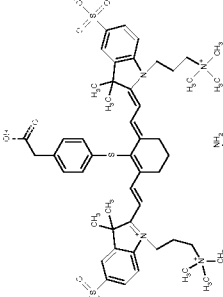
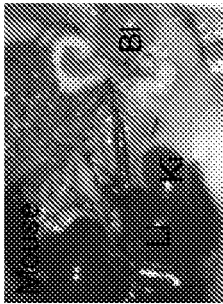
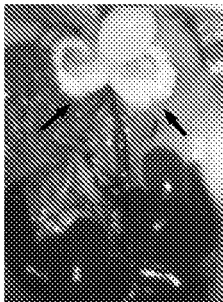
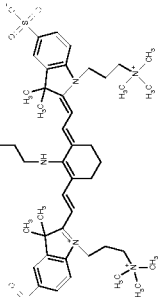
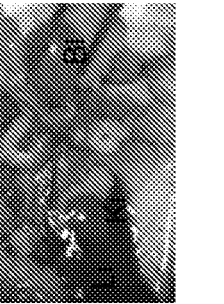
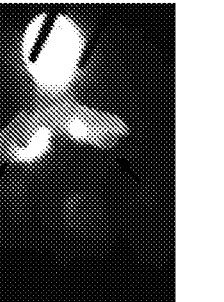
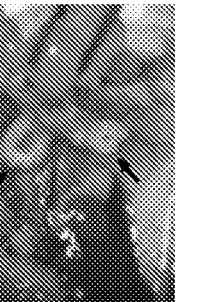


Fig.	Target	Name	Chem Struct.	Image	NIR Image	Image / NIR
<u>Fig. 1</u>	Ureters 800	A71				
<u>Fig. 2</u>	Ureters 700	LN15				
<u>Fig. 3</u>	Pan LN 800	MM25				
<u>Fig. 4</u>	Pan LN 700	A150				
<u>Fig. 5</u>	SLN 800	MM25				
<u>Fig. 6</u>	SLN 700	MHI86				

<u>Fig.</u>	<u>Target</u>	<u>Name</u>	<u>Chem Struc.</u>	<u>Image</u>	<u>NIR Image</u>	<u>Image / NIR</u>
<u>Fig. 7</u>	Cartilage 800	LN50				
<u>Fig. 8</u>	Cartilage 700	SP56				
<u>Fig. 9</u>	Neuro- endocrine 800	AL20				
<u>Fig. 10</u>	Neuro- endocrine 700	ESS61				
<u>Fig. 11</u>	Bone 800	P800SO3				
<u>Fig. 12</u>	Bone 700	P700SO3				

<u>Fig.</u>	<u>Target</u>	<u>Name</u>	<u>Chem Struct.</u>	<u>Image</u>	<u>NIR Image</u>	<u>Image / NIR</u>
<u>Fig. 13</u>	Thyroid 800	QBN14				
<u>Fig. 14</u>	Thyroid 700	T14				
<u>Fig. 15</u>	Para-thyroid 800	QBN14				
<u>Fig. 16</u>	Para-thyroid 700	T14				
<u>Fig. 17</u>	Adrenal 800	AL27				
<u>Fig. 18</u>	Adrenal 700	E16				

<u>Fig.</u>	<u>Target</u>	<u>Name</u>	<u>Chem Struct.</u>	<u>Image</u>	<u>NIR Image</u>	<u>Image / NIR</u>
<u>Fig. 19</u>	Salivary Glands 800	ZK211				
<u>Fig. 20</u>	Salivary Glands 700	NRB1				
<u>Fig. 21</u>	White Adipose 800	AH34				
<u>Fig. 22</u>	White Adipose 700	PS31				
<u>Fig. 23</u>	Brown Fat 800	QBN1				
<u>Fig. 24</u>	Brown Fat 700	SP60				

<u>Fig.</u>	<u>Target</u>	<u>Name</u>	<u>Chem Struct.</u>	<u>Image</u>	<u>NIR Image</u>	<u>Image / NIR</u>
<u>Fig. 25</u>	Ovaries 800	AL27				
<u>Fig. 26</u>	Ovaries 700	PS62				
<u>Fig. 27</u>	Seminal Vesicles 800	CNN2				
<u>Fig. 28</u>	Seminal Vesicles 700	LN65				

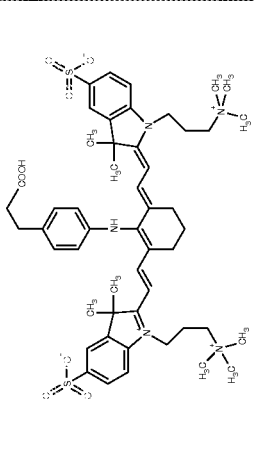
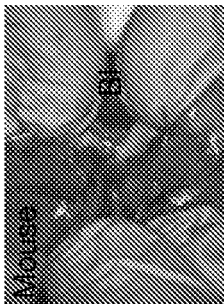
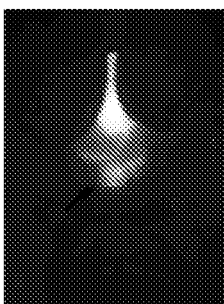
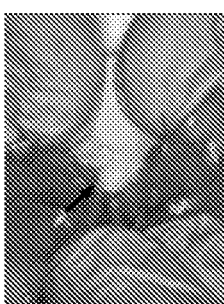
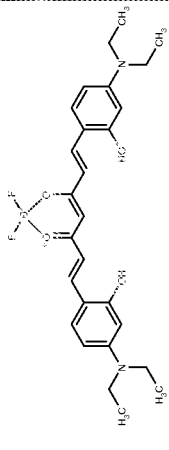
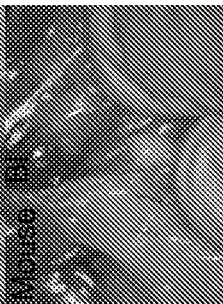
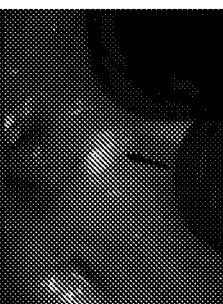
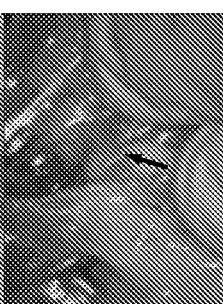
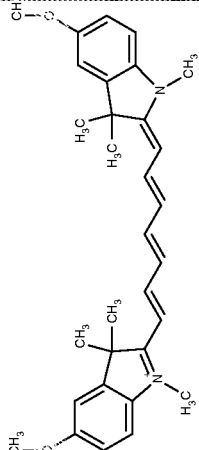
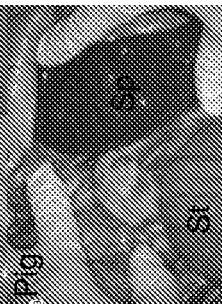
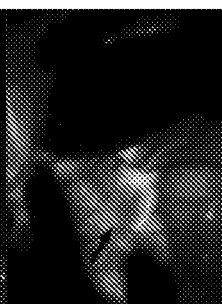
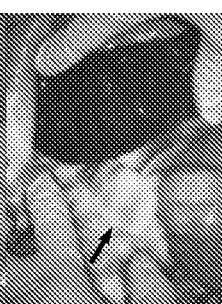
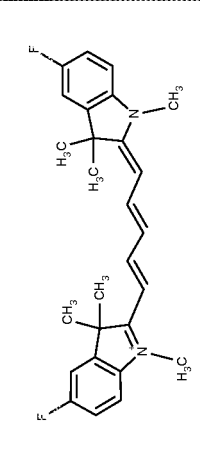
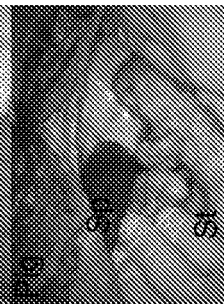
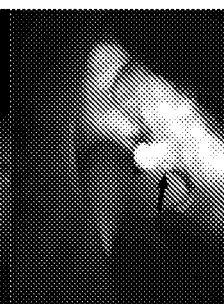
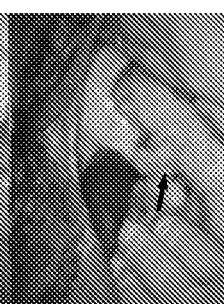
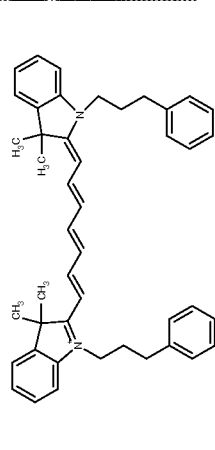
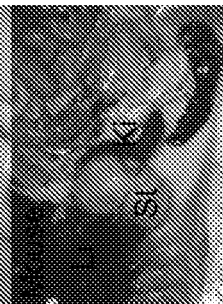
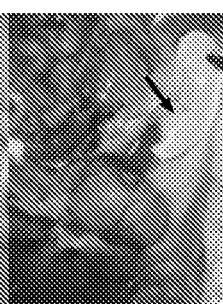
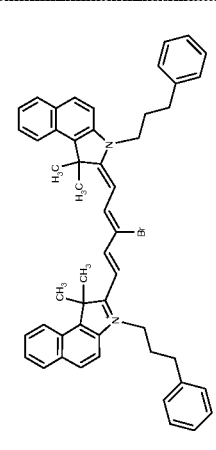
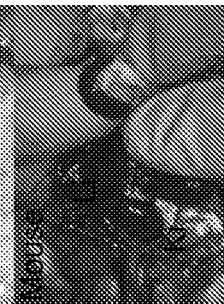
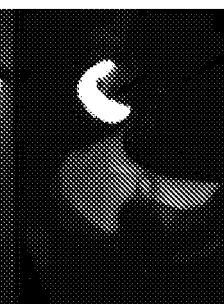
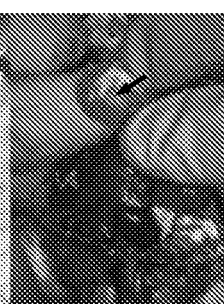
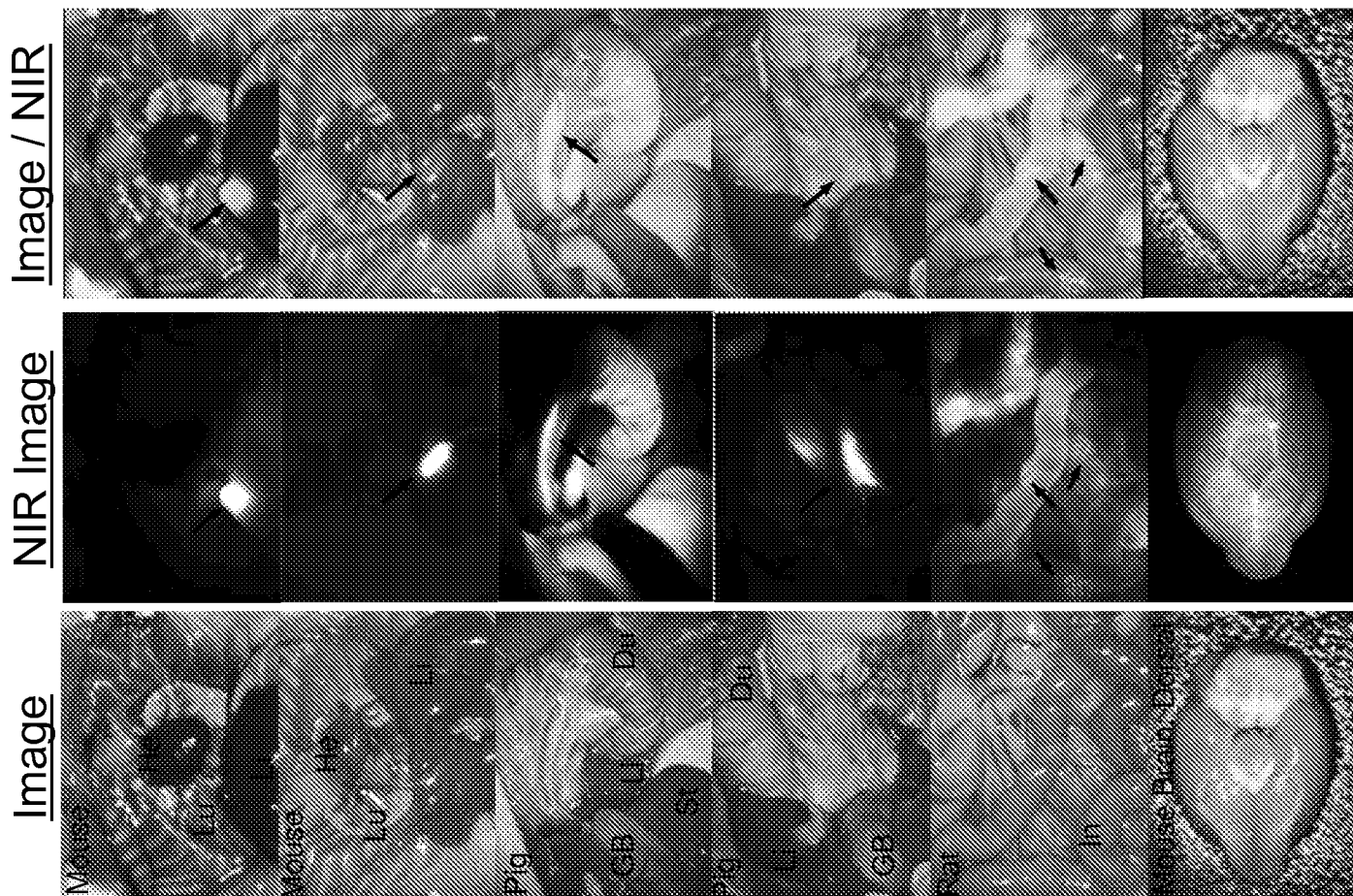
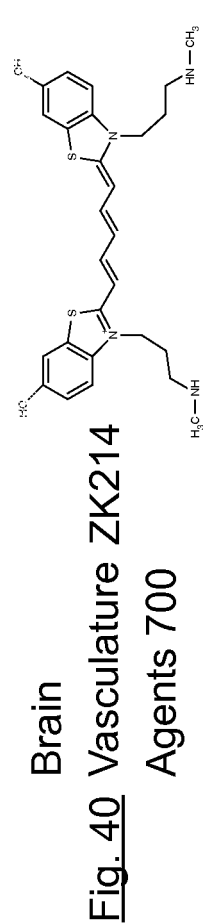
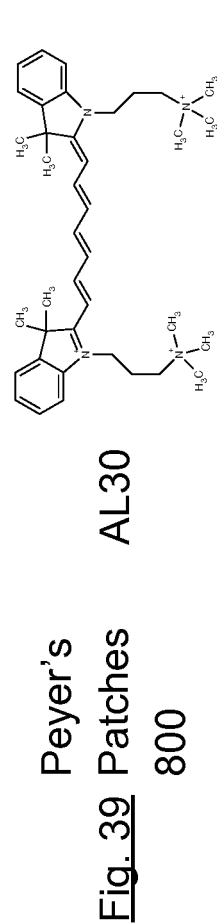
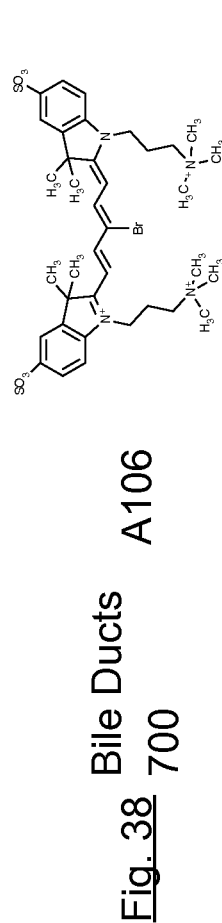
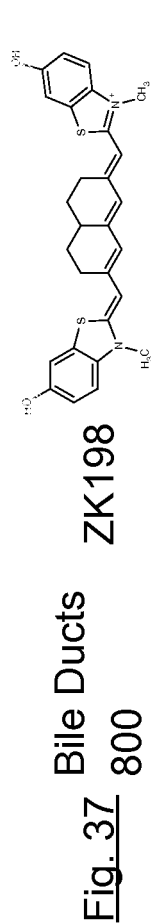
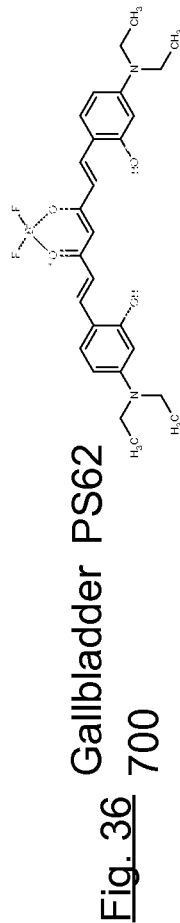
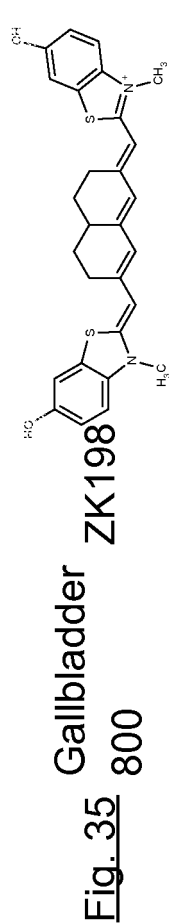
<u>Fig.</u>	<u>Target</u>	<u>Name</u>	<u>Chem Struc.</u>	<u>Image</u>	<u>NIR Image</u>	<u>Image / NIR</u>
<u>Fig. 29</u>	Prostate 800	LN66				
<u>Fig. 30</u>	Prostate 700	PS62				
<u>Fig. 31</u>	Pancreas 800	AL22				
<u>Fig. 32</u>	Pancreas 700	T14				
<u>Fig. 33</u>	Spleen 800	AL29				
<u>Fig. 34</u>	Spleen 700	E24				

Fig. **Target** **Name** **Chem Struct.**



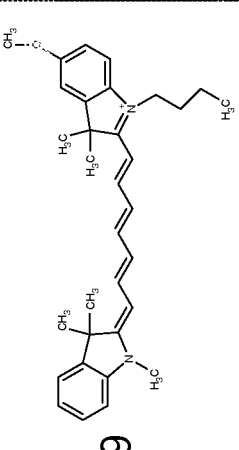
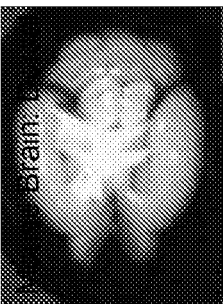
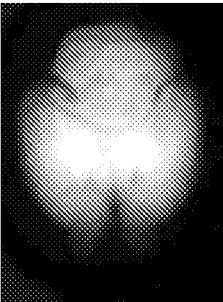
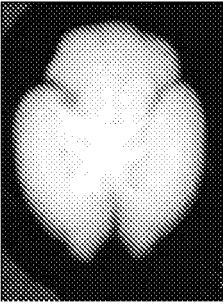
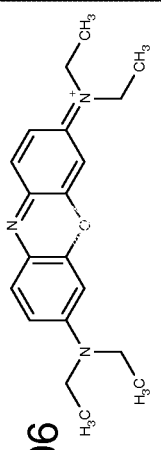
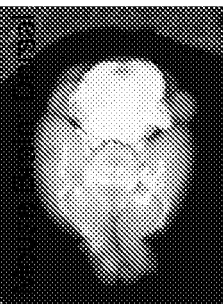
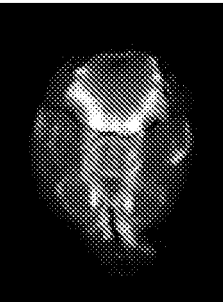
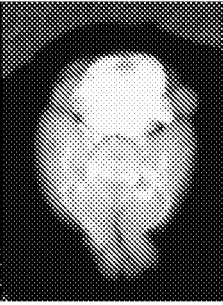
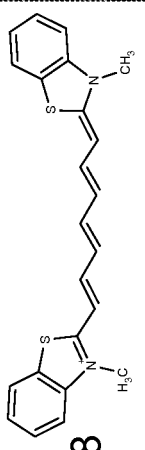
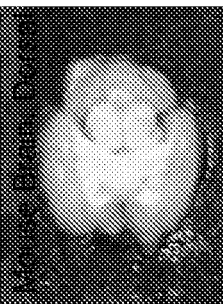
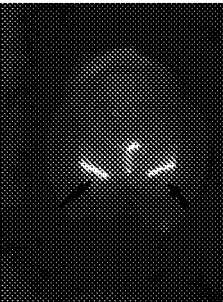
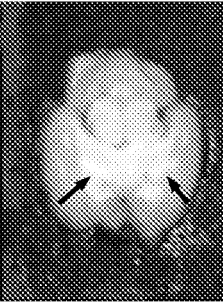
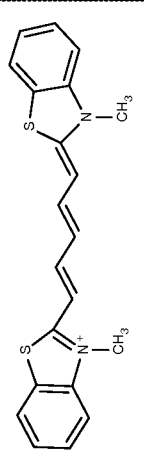
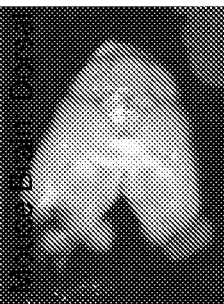
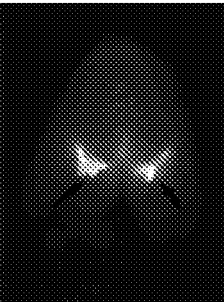
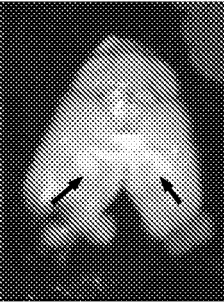
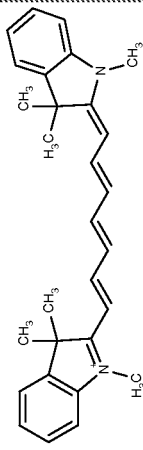
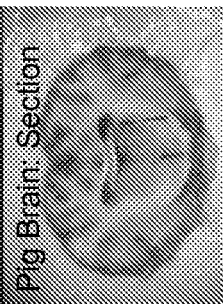
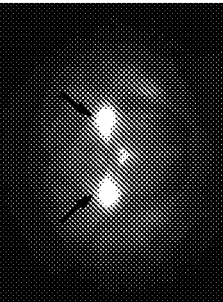
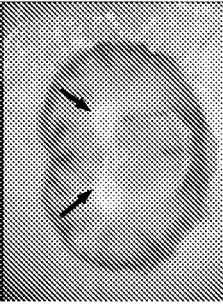
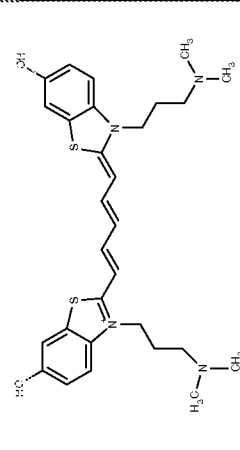
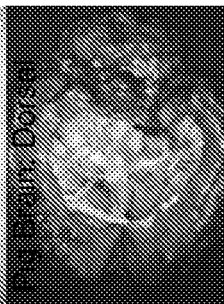
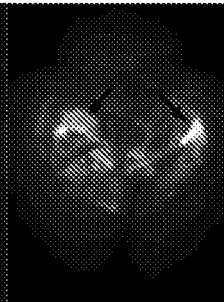
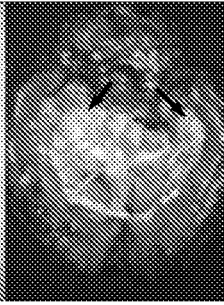
<u>Fig.</u>	<u>Target</u>	<u>Name</u>	<u>Chem Struct.</u>	<u>Image</u>	<u>NIR Image</u>	<u>Image / NIR</u>
<u>Fig. 41</u>	Brain Grey Matter 800	ZK189				
<u>Fig. 42</u>	Brain Grey Matter 700	WuA96				
<u>Fig. 43</u>	Choroid Plexus 800	ZK208				
<u>Fig. 44</u>	Choroid Plexus 700	SP28				
<u>Fig. 45</u>	CSF 800	AL20				
<u>Fig. 46</u>	CSF 700	SP66				

Fig.

Thoracic
Duct 800

A71

<u>Name</u>	<u>Chem Struc.</u>
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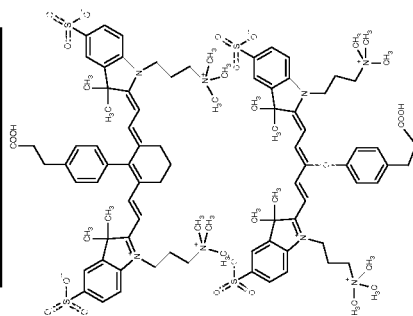


Fig. 48

Thoracic
Duct 700

LN15

Image

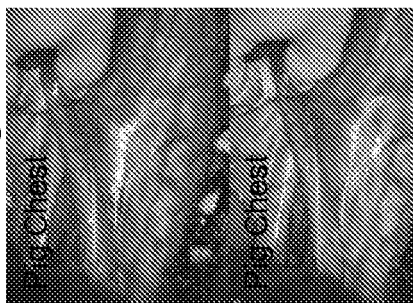


Fig. 49

PEGylated PEG60k-
Agents 800 ZW800-1



The image displays two chemical structures. On the left is the structure of PEG60K, which consists of a polystyrene block (represented by a benzene ring with a methyl group and a methyl group on the adjacent carbon) connected to a poly(ethylene glycol) (PEG) block (represented by a chain of repeating -CH₂-CH₂-O- units). On the right is the structure of PEG60K-PEG60K, which is a diblock copolymer consisting of two PEG60K blocks connected by a central polystyrene block.

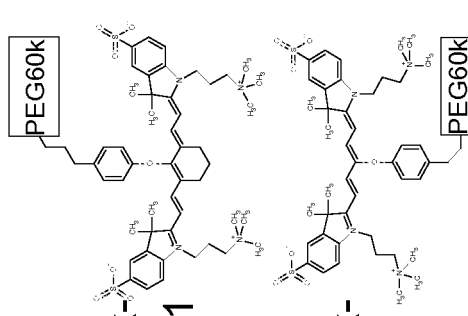


Fig. 50

PEGylated PEG60k-
Agents 700 LN15

PEG60K

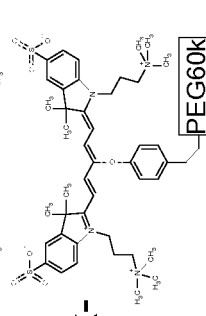


Fig. 51

Pituitary Gland 800

AL22

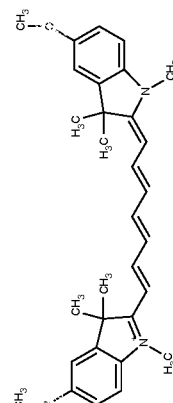
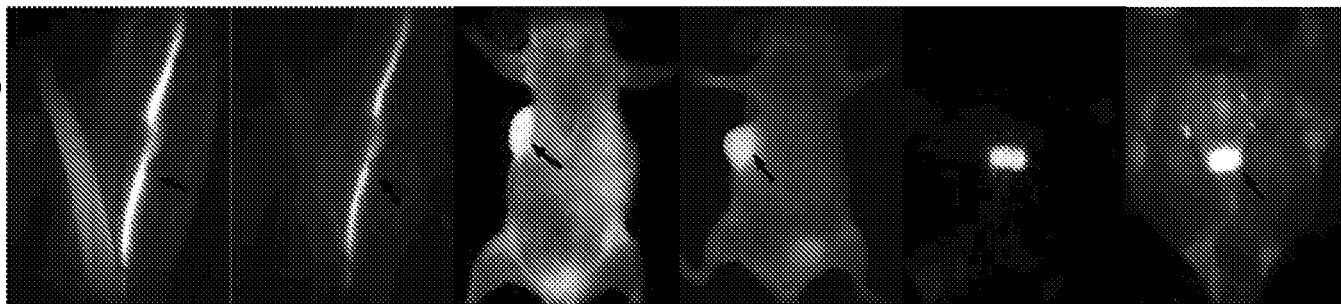
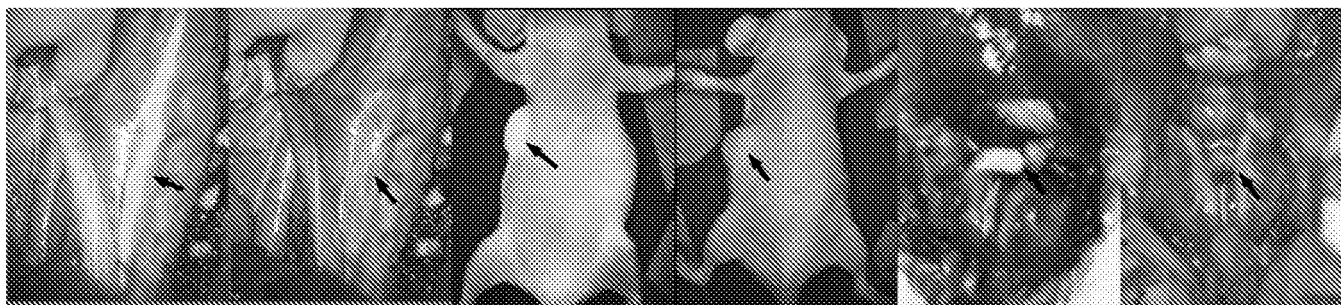
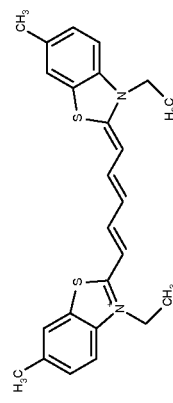
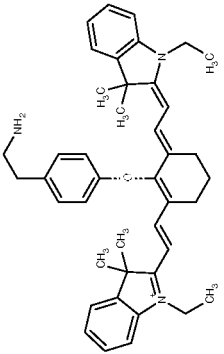
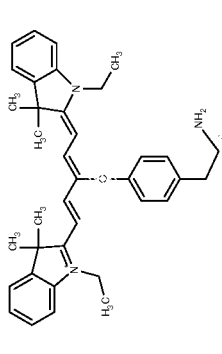
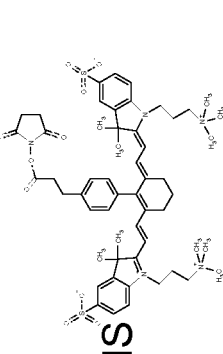
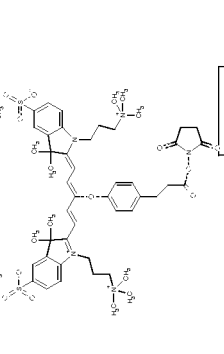
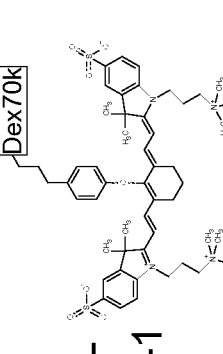


Fig. 52

Pituitary Gland 700

SP60



<u>Fig.</u>	<u>Target</u>	<u>Name</u>	<u>Chem Struct.</u>
<u>Fig. 53</u>	Stem Cell Tracking 800	PS126	
<u>Fig. 54</u>	Stem Cell Tracking 700	PS127	
<u>Fig. 55</u>	Tissue Engineering 800	A71-NHS	
<u>Fig. 56</u>	Tissue Engineering 700	LN15-NHS	
<u>Fig. 57</u>	Intravital Microscopy 800	Dex70k-ZW800-1	
<u>Fig. 58</u>	Intravital Microscopy 700	Dex70k-LN15	