

# Product specification

**CAUTION: Radioactive material. Research use only.**

## [<sup>125</sup>I]cyclic GMP

### Guanosine 3'5'-cyclic phosphoric acid 2'-O-succinyl 3-[<sup>125</sup>I]iodotyrosine methyl ester

Code: IRC-119

<b>Lot number</b>	.....	
<b>Package size</b>	185 kBq	5 µCi
<b>Activity reference date</b>	.....	
<b>Production date</b>	.....	
<b>Specific activity</b>	~74 TBq/mmol	~2000 Ci/mmol
<b>Molecular weight</b>	770 Da	
<b>Radiochemical purity</b>	> 90% RCP	< 5% free iodide
<b>Biological testing</b>	RIA	
<b>Form and Storage</b>	Solution, at 2-8°C	
<b>Radioactive concentration</b>	~370 kBq/ml	~10 µCi/ml
<b>Volume</b>	.....ml	
<b>Buffer composition</b>	N-propanol:water (1:1)	
<b>Preparation</b>	Chloramine-T method Purified by HPLC	
<b>Availability</b>	On request	



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