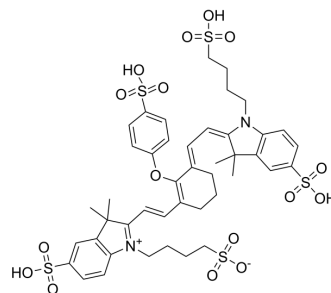


## Nerindocianine

Cat. No.:	HY-109153
CAS No.:	748120-01-6
Molecular Formula:	C <sub>44</sub> H <sub>52</sub> N <sub>2</sub> O <sub>16</sub> S <sub>5</sub>
Molecular Weight:	1025.21
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Nerindocianine is a fluorescent diagnostic contrast agent. Nerindocianine is highly hydrophilic and is primarily metabolized by the kidneys, allowing for a non-invasive intraoperative ureteral imaging <sup>[1]</sup> .	
<b>In Vivo</b>	Nerindocianine (0.15 mg/kg; i.v.) shows a satisfactory visualization <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Female pigs <sup>[1]</sup>
	Dosage:	0.15 mg/kg
	Administration:	I.v.
	Result:	Showed a satisfactory visualization.

### REFERENCES

[1]. Barberio M, et al. Intraoperative ureter identification with a novel fluorescent catheter. Sci Rep. 2021;11(1):4501. Published 2021 Feb 24.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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