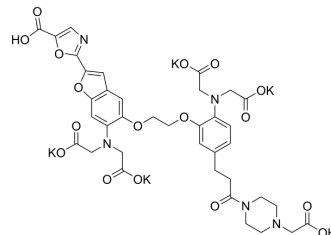


Fura PE-3 potassium

Cat. No.:	HY-D1501
CAS No.:	172890-83-4
Molecular Formula:	C ₃₇ H ₃₅ K ₄ N ₅ O ₁₇
Molecular Weight:	978.09
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fura PE-3 potassium is a Ca²⁺-sensitive fluorophore. Fura PE-3 potassium loads in IPA (intrapulmonary arteries) and MA (mesenteric resistance arteries) for the research of vasoconstriction^{[1][2]}.

REFERENCES

- [1]. Robertson TP, et al. Ca²⁺ sensitization during sustained hypoxic pulmonary vasoconstriction is endothelium dependent. *Am J Physiol Lung Cell Mol Physiol.* 2003 Jun;284(6):L1121-6.
- [2]. Snetkov VA, et al. Capacitative calcium entry as a pulmonary specific vasoconstrictor mechanism in small muscular arteries of the rat. *Br J Pharmacol.* 2003 Sep;140(1):97-106.

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

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