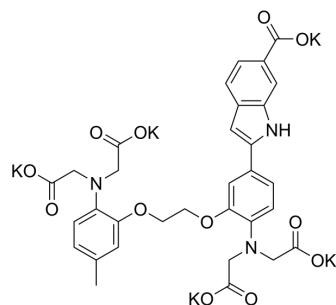


INDO 1 pentapotassium

Cat. No.:	HY-D0121A
CAS No.:	132319-56-3
Molecular Formula:	C ₃₂ H ₂₆ K ₅ N ₃ O ₁₂
Molecular Weight:	840.05
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

INDO 1 pentapotassium is a fluorescent Ca²⁺ indicator, binds specifically to Ca²⁺ while emitting fluorescence, the maximum emission wavelength shifts from 485 nm before binding to 410 nm^[1].

REFERENCES

[1]. Grynkiewicz G, et al. A new generation of Ca²⁺ indicators with greatly improved fluorescence properties[J]. Journal of biological chemistry, 1985, 260(6): 3440-3450.

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

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