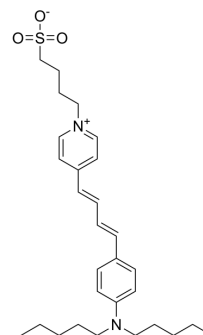


RH 421

Cat. No.:	HY-114958
CAS No.:	107610-19-5
Molecular Formula:	C ₂₉ H ₄₂ N ₂ O ₃ S
Molecular Weight:	498.72
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RH 421 is a voltage-sensitive styryl dye that can penetrate through the lipid bilayers. RH 421 is a chromogenic substrate for β -galactosidase ^[1] .
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REFERENCES

[1]. D.Y. Malkov, et al. Fluorescent styryl dyes of the RH series affect a potential drop on the membrane/solution boundary. *Biochim Biophys Acta*. 1996 Jan 31;1278(2):197-204.

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

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