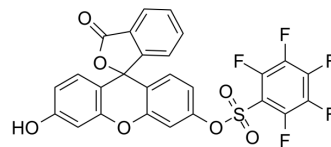


Pentafluorobenzenesulfonyl fluorescein

Cat. No.:	HY-120972
CAS No.:	728912-45-6
Molecular Formula:	C ₂₆ H ₁₁ F ₅ O ₇ S
Molecular Weight:	562.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pentafluorobenzenesulfonyl fluorescein is a H₂O₂-selective sensor that can be used to detect H₂O₂ levels in cells. Pentafluorobenzenesulfonyl fluorescein is normally non-fluorescent but fluoresces upon perhydrolysis of the sulfonyl linkage by H₂O₂^[1].

REFERENCES

[1]. Ashley L Waldron, et al. Oxidative stress-dependent MMP-13 activity underlies glucose neurotoxicity. *J Diabetes Complications*. 2018 Mar;32(3):249-257.

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

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