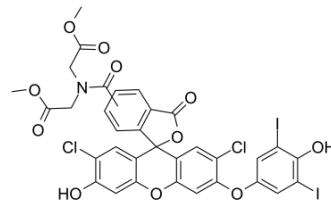


HKOH-1r

| | |
|--------------------|---|
| Cat. No.: | HY-D1159 |
| CAS No.: | 2138472-08-7 |
| Molecular Formula: | C ₃₃ H ₂₁ Cl ₂ I ₂ NO ₁₁ |
| Molecular Weight: | 938.28 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|--------------------|--|
| Description | HKOH-1r is a highly sensitive and selective fluorescent probe which is used for detecting endogenous hydroxyl radicals in living cells ^[1] . |
| In Vitro | HKOH-1r (0.1-50 μM; 24 h) shows negligible or no cytotoxicity in both RAW264.7 cells and Hela cells ^[1] . HKOH-1r (5 μM; 30 min) detects endogenous •OH in the flow cytometry platform in RAW264.7 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Bai X, et, al. HKOH-1: A Highly Sensitive and Selective Fluorescent Probe for Detecting Endogenous Hydroxyl Radicals in Living Cells. *Angew Chem Int Ed Engl.* 2017 Oct 9;56(42):12873-12877.

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

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