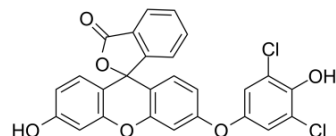


HKOCl-3

Cat. No.:	HY-130025
CAS No.:	2031170-80-4
Molecular Formula:	C ₂₆ H ₁₄ Cl ₂ O ₆
Molecular Weight:	493.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HKOCl-3 is a highly sensitive and selective fluorescent probe for detecting hypochlorous acid. E _x : 490 nm; E _m 527 nm ^[1] .
IC ₅₀ & Target	E _x : 490 nm; E _m 527 nm
In Vitro	HKOCl-3 (10 μM) shows an increasing fluorescence intensity with increasing concentration of hypochlorous acid ^[1] . HKOCl-3 (10 μM) shows a much higher increase in fluorescence intensity of compound HKOCl-3 than treatment with other ROS (10 μM) and RNS (100 μM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Dan Yang, et al. Diarylether-based fluorogenic probes for detection of hypochlorous acid or hydroxyl radical. Patent US20160312033.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA