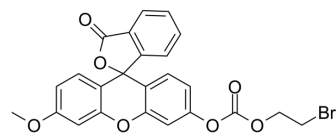


## CAY10731

<b>Cat. No.:</b>	HY-D1275
<b>CAS No.:</b>	2119597-33-8
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>17</sub> BrO <sub>7</sub>
<b>Molecular Weight:</b>	497.29
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

CAY10731 (compound 3) is a highly selective fluorescent probe for detection of hydrogen sulfide (H<sub>2</sub>S). CAY10731 is used to monitor exo- and endogenous H<sub>2</sub>S in both cancer and normal cells. CAY10731 is applied for imaging of H<sub>2</sub>S in living tissues at variable depths and in nematodes<sup>[1]</sup>.

## REFERENCES

[1]. Shahi Imam Reja, et al. A Highly Selective Fluorescent Probe for Detection of Hydrogen Sulfide in Living Systems: In Vitro and in Vivo Applications. *Chemistry*. 2017 Jul 21;23(41):9872-9878.

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

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