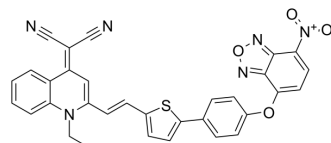


## SQM-NBD

Cat. No.:	HY-147738
Molecular Formula:	C <sub>32</sub> H <sub>20</sub> N <sub>6</sub> O <sub>4</sub> S
Molecular Weight:	584.6
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

SQM-NBD is a potent and selective AIE fluorescent probe. SQM-NBD exhibits excellent sensitivity to Cys and Hcy with the LOD of 54 nM and 72 nM, respectively. SQM-NBD has good cell permeability and low cytotoxicity. SQM-NBD has the potential for Cys/Hcy identification under physiological and pathological conditions<sup>[1]</sup>.

## REFERENCES

[1]. Wang W, et al. Highly selective fluorescent probe based on AIE for identifying cysteine/homocysteine. *Bioorg Chem.* 2022 May 24;126:105902.

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

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