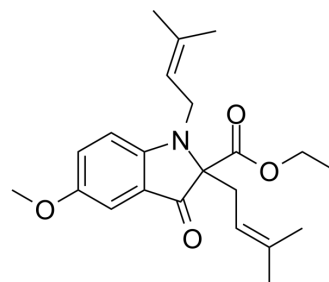


## LipidGreen 2

Cat. No.:	HY-D1353
CAS No.:	1382764-52-4
Molecular Formula:	C <sub>22</sub> H <sub>29</sub> NO <sub>4</sub>
Molecular Weight:	371.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	LipidGreen 2 is a second generation small molecule probe for lipid imaging. LipidGreen 2 has a better fluorescence signal compared with the previous LipidGreen, and selectively stains neutral lipids in cells and fat deposits in live zebrafish <sup>[1]</sup> .
<b>In Vitro</b>	LipidGreen 2 (10 mM) stains the surface of a spherical intracellular structure in undifferentiated 3T3-L1 cells that are differentiated by treatment with IBMX, dexamethasone and insulin <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Hang-Suk Chun, et al. Synthesis of LipidGreen2 and its application in lipid and fatty liver imaging. Mol Biosyst. 2013 Apr 5;9(4):630-3.

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

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