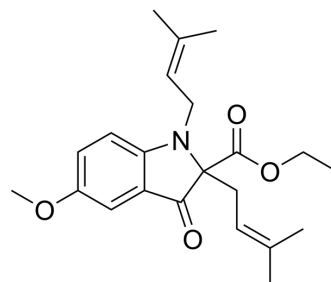


LipidGreen 2

Cat. No.:	HY-D1353		
CAS No.:	1382764-52-4		
Molecular Formula:	C ₂₂ H ₂₉ NO ₄		
Molecular Weight:	371.47		
Target:	Fluorescent Dye		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

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^[1].

In Vitro

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^[1].
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.

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