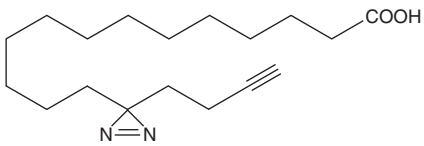
PRODUCT INFORMATION

Photoclick Stearic Acid

Item No. 38015

CAS Registry No.: 2989205-54-9
Formal Name: 3-(3-butyn-1-yl)-3H-diazirine-3-tridecanoic acid
Synonyms: ClickTag™ Stearic Acid, Photoclick Octadecanoic Acid
MF: $C_{18}H_{30}N_2O_2$
FW: 306.4
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Photoclick stearic acid is supplied as a solid. A stock solution may be made by dissolving the photoclick stearic acid in the solvent of choice, which should be purged with an inert gas. Photoclick stearic acid is sparingly soluble (1-10 mg/ml) in acetonitrile.

Description

Photoclick stearic acid is a derivative of stearic acid (Item No. 10011298) that contains a terminal clickable moiety and a photoactivatable diazirine group at carbon 14. Photoclickable long-chain saturated fatty acids have been used as probes to study protein lipidation.[1]

Reference

1. Peng, T. and Hang, H.C. Bifunctional fatty acid chemical reporter for analyzing S-palmitoylated membrane protein-protein interactions in mammalian cells. *J. Am. Chem. Soc.* **137(2)**, 556-559 (2015).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM