# PRODUCT INFORMATION

## Photoclick Cholesterol

*Item No. 24528*

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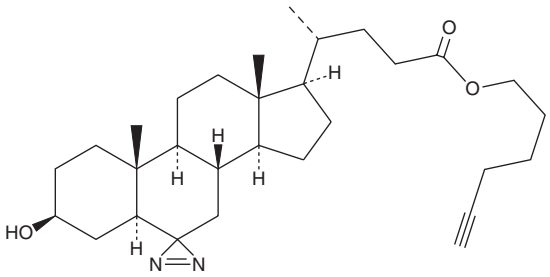
|---|---|
| **CAS Registry No.:** | 1485490-47-8 |
| **Formal Name:** | (3′β,5′α)-3′-hydroxy-spiro[3H-diazirine-3,6′-cholan]-24′-oic acid, 5-hexyn-1-yl ester |
| **Synonym:** | Click Tag™ Cholesterol |
| **MF:** | $C_{30}H_{46}N_2O_3$ |
| **FW:** | 482.7 |
| **Purity:** | ≥95% |
| **Supplied as:** | A 1 mg/ml solution in chloroform |
| **Storage:** | -20°C |
| **Stability:** | ≥1 year |




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

### Description

Photoclick cholesterol is a derivative of the sterol lipid cholesterol (Item No. 9003100) that contains a terminal clickable alkyne moiety and a photoactivatable diazirine group.[1] It has been used in quantitative proteomic screens for sterol-binding proteins (SBPs) in *S. cerevisiae*.

### Reference


1. Chauhan, N., Sere, Y.Y., Sokol, A.M., *et al.* A PhotoClick cholesterol-based quantitative proteomics screen for cytoplasmic sterol-binding proteins in *Saccharomyces cerevisiae*. *Yeast* **37(1)**, 15-25 (2020).



**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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