

Product datasheet

DAUDA lipid and membrane probe ab189807

1 Image

Overview

<b>Product name</b>	DAUDA lipid and membrane probe
<b>Product overview</b>	Ambiphilic probe with a polar, environmentally-sensitive dansyl fluorophore attached to a long chain fatty acid.
<b>Notes</b>	<p>Biological Description: Exhibits up to a 60-fold fluorescence enhancement and a shift to shorter emission wavelengths on binding to certain proteins (EX 335 nm; EM 519 nm). This property has been exploited to analyze fatty acid binding proteins and also to develop several fluorometric lipase assays, including phospholipase assays based on competitive fatty acid displacement from fatty acid binding proteins.</p> <p>Chemical name: 11-[5-(Dimethylamino)-1-naphthalenesulfonylamino]undecanoic acid; DAUDA</p> <p>Purity: &gt;98%</p> <p>[CAS]:73025-02-2</p> <p>Molecular Formula: C<sub>23</sub>H<sub>34</sub>N<sub>2</sub>O<sub>4</sub>S</p> <p>Molecular Weight: 434.59</p> <p>Excitation: 335</p> <p>Emission: 519</p> <p>Storage: 4°C, desiccated</p> <p>Solubility: CHCl<sub>3</sub>, CH<sub>2</sub>Cl<sub>2</sub>, DMSO, DMF</p>
	<input type="text"/>
<b>Tested applications</b>	<b>Suitable for:</b> Other

Properties

**Storage instructions** Store at +4°C. Please refer to protocols.

Components	25 mg
DAUDA lipid and membrane probe	1 x 25mg

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab189807** in the following tested applications.

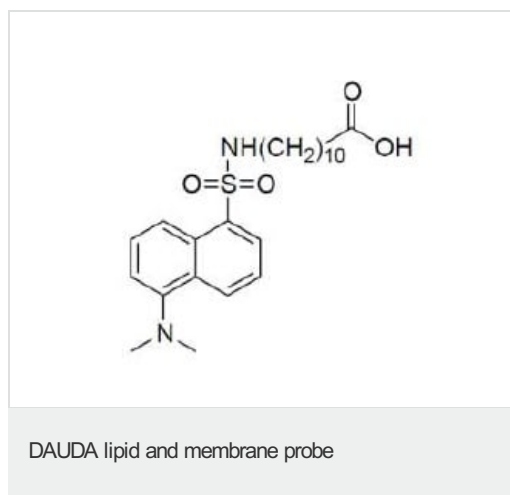
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Other		Use at an assay dependent concentration. Stains lipid bilayers or fatty acid carrier proteins

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## Images

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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