# Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th><em>N</em>-Heptadecanoyl ceramide trihexoside</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>C17:0-Ceramide trihexoside compound</td>
</tr>
<tr>
<td><strong>Biological description</strong></td>
<td>C17:0-Ceramide trihexoside compound. Possible use in Fabry disease studies, in sphingolipid ceramide studies and as internal standard.</td>
</tr>
</tbody>
</table>

See similar compounds

**Purity**

> 98%

## Properties

**Molecular weight**

1038.36

**Chemical structure**

![Chemical structure diagram](image)

**Molecular formula**

C_{53}H_{99}NO_{18}

**CAS Number**

536745-81-0

**Storage instructions**

Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

**Solubility overview**

Soluble in DMSO

**Handling**

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions (FAQ) page](https://www.abcam.com) for more details.

**SMILES**

```
CCCCCCCCCC\C\[C@@H](O)\[C@@H]((NC=O)CCCCCCCCCCCCCCCCCC)\C\[C@@H]3OC(\C\[C@@H]2OC(\C\[C@@H]1OC(\C\[C@@H]1O)\C\[C@@H]2OC(\C\[C@@H]3O
```
Source Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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