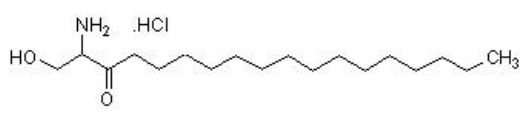


Product datasheet

3-Ketodihydrosphingosine hydrochloride, Ceramide biosynthesis intermediate ab144107

1 References

Overview

Product name	3-Ketodihydrosphingosine hydrochloride, Ceramide biosynthesis intermediate
Description	Necessary intermediate in ceramide biosynthesis
Biological description	Necessary intermediate in ceramide (ab141745 , ab141743) biosynthesis.
Purity	> 98%
CAS Number	18944-28-0
Chemical structure	

Properties

Chemical name	(2S)-2-Amino-1-hydroxyoctadecan-3-one hydrochloride
Molecular weight	335.96
Molecular formula	C ₁₈ H ₃₇ NO ₂ .HCl
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	Cl.O=C(CCCCCCCCCCCCCCCC)C(N)CO
Source	Synthetic

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