

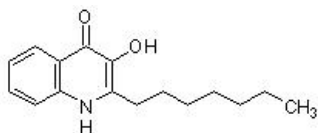
Product datasheet

# 2-Heptyl-3-hydroxy-4-quinolone, Intercellular signal compound ab145430

1 Image

Overview

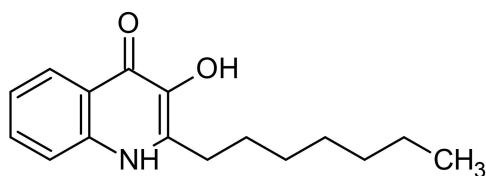
<b>Product name</b>	2-Heptyl-3-hydroxy-4-quinolone, Intercellular signal compound
<b>Description</b>	Intercellular signal compound.
<b>Biological description</b>	Quorum sensing signaling molecule used to induce and study the regulation of virulence genes. Quorum sensing is a signaling system used by bacteria to coordinate activity based upon their population density. The system involves the exchange of signaling molecules among bacteria via cell receptors.
<b>Purity</b>	> 96%
<b>CAS Number</b>	108985-27-9
<b>Chemical structure</b>	



Properties

<b>Molecular weight</b>	259.34
<b>Molecular formula</b>	C <sub>16</sub> H <sub>21</sub> NO <sub>2</sub>
<b>Storage instructions</b>	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Handling</b>	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic

Images



Chemical Structure - 2-Heptyl-3-hydroxy-4-quinolone, Intercellular signal compound (ab145430)

2D chemical structure image of ab145430, 2-Heptyl-3-hydroxy-4-quinolone, Intercellular signal compound

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

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