

## Product datasheet

# Quinacrine dihydrochloride ab120749

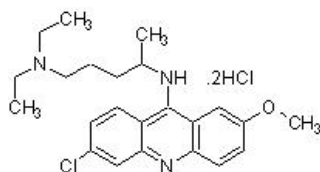
### Overview

<b>Product name</b>	Quinacrine dihydrochloride
<b>Description</b>	Non-selective phospholipase A <sub>2</sub> inhibitor
<b>Biological description</b>	Non-selective phospholipase A <sub>2</sub> inhibitor (PLA <sub>2</sub> ). IC <sub>50</sub> = 200 μM for bovine brain cPLA <sub>2</sub> . Neuroprotective properties. Centrally active upon intraperitoneal administration.
<b>Purity</b>	> 98%
<b>General notes</b>	This product is reported to be light sensitive

### Properties

<b>Chemical name</b>	<i>N</i> <sup>4</sup> -(6-Chloro-2-methoxy-9-acridinyl)- <i>N</i> <sup>1</sup> , <i>N</i> <sup>1</sup> -diethyl-1,4-pentanediamine dihydrochloride
<b>Molecular weight</b>	472.88

#### Chemical structure



<b>Molecular formula</b>	C <sub>23</sub> H <sub>30</sub> ClN <sub>3</sub> O.2HCl
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<b>CAS Number</b>	69-05-6
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<b>Storage instructions</b>	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
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<b>Solubility overview</b>	Soluble in water to 100 mM (with warming)
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<b>Handling</b>	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.
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Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

<b>Source</b>	Synthetic
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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