

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>DAPI for molecular biology</b>
<b>Brand</b>	BioFroxx

<b>Product number</b>	1322
<b>Synonym(s)</b>	4',6-Diamidin-2-phenylindol dihydrochloride
<b>Formula</b>	C <sub>16</sub> H <sub>15</sub> N <sub>5</sub> · 2 HCl
<b>Molecular weight</b>	350.25 g/mol
<b>CAS number</b>	28718-90-3
<b>Storage</b>	2 - 8°C, protected from light
<b>Retest period (months)</b>	48

<b>Parameter</b>	<b>Specification</b>
DNases/RNases/Proteases	not detectable
Assay (HPLC)	min. 95 %
Solubility (1 %, water)	clear
Emission maximum in water, labs	444 ± 3 nm
Absorption maximum in water, labs	343 ± 3 nm

Einhausen, 15.06.2021