

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>Puromycin dihydrochloride for biochemistry</b>
<b>Brand</b>	BioFroxx
<b>Product number</b>	1299 (revised)
<b>Synonym(s)</b>	3'-( $\alpha$ -Amino-p-methoxyhydrocinnamamido)-3'-deoxy-N,N-dimethyladenosine, 2HCl
<b>Formula</b>	C <sub>22</sub> H <sub>29</sub> N <sub>7</sub> O <sub>5</sub> · 2 HCl
<b>Molecular weight</b>	544.44 g/mol
<b>CAS number</b>	58-58-2
<b>Storage</b>	-20°C
<b>Retest period</b>	36
*** research use only ***	
<b>Parameter</b>	<b>Specification</b>
<b>Assay (HPLC)</b>	min. 98 %
<b>Appearance</b>	white to off-white powder
<b>IR-Spectrum</b>	passes test
<b>Solubility (5 % in water)</b>	clear, colorless
<b>Melting range</b>	168 - 172°C (revised)

Einhausen, 04.08.2021 (revised)