

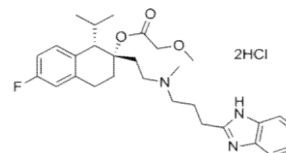
# Certificate of Analysis



## Product Identification

**Catalog number** HB1226  
**Compound name** Mibefradil dihydrochloride  
**Chemical name** (1S,2S)-2-[2-[[3-(1H-Benzimidazol-2-yl)propyl]methylamino]ethyl]-6-fluoro-1,2,3,4-tetrahydro-1-(1-methylethyl)-2-naphthalenyl methoxyacetate dihydrochloride  
**Batch number** E2522-1-1  
**Batch molecular formula** C<sub>29</sub>H<sub>38</sub>FN<sub>3</sub>O<sub>3</sub>  
**Batch molecular weight** 568.56

## Chemical Structure



## Method

## QC requirement

## QC Result

<b>HPLC</b>	Reverse Phase HPLC shows >96% purity	Meets specification: 96.8%
<b>NMR</b>	1H NMR consistent with structure	Meets specification
<b>Mass spectrum</b>	MS analysis consistent with structure	Meets specification
<b>UV</b>	Lambda maxima measured at 280, and 274 nm	Meets specification
<b>IR spectroscopy</b>	IR spectrum consistent with structure	Meets specification

Produced by

Signature

Passed by

Signature

Date

22/01/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.