

**CERTIFICATE OF ANALYSIS**

**GENERAL INFORMATION**

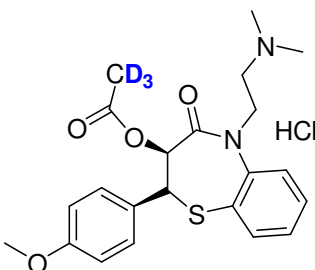
**Product No.:** SI040110 **CAS No.:** 1217623-80-7; 42399-41-7 (non-d, free base)

**Product Name:** Diltiazem-d3.HCl

**Other Names:** Cardizem-d3; Dilacorxr-d3; cis-(+)-[2-(2-Dimethylaminoethyl)-5-(4-methoxyphenyl)-3-oxo-6-thia-2-azabicyclo[5.4.0]undeca-7,9,11-trien-4-yl]ethanoate-d3

**Description:** N/A

**Structure:**



**Formula:** C<sub>22</sub>H<sub>24</sub>D<sub>3</sub>ClN<sub>2</sub>O<sub>4</sub>S

**Mol.Wt.:** N/A

**Exact Mass:** 453.16

**CHARACTERIZATION**

PROPERTY	OBSERVATION
<b>Appearance &amp; Physical State:</b>	White, solid powder
<b>Proton NMR (CD<sub>3</sub>OD, 500 MHz):</b>	Conforms
<b>Mass Spectrometry (ESI-POS):</b>	Conforms, [M+1-HCl] = 418
<b>Purity (&gt;95% by LCMS):</b>	Conforms, >99%

**BATCH INFORMATION**

**Lot No.:** XXXXXX

**Date Prepared:** XXXXXX

**NOTES**

1. Store between 2-4°C.
2. Open when container and contents have reached room temperature.