

# Chem-Impex International, Inc.

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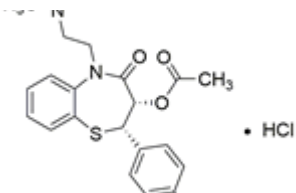
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

<b>Catalogue Number</b>	37791
<b>Product</b>	<b>(+)-cis-Diltiazem hydrochloride</b> (2S,3S)-(+)-3-Acetoxy-2,3-dihydro-5-[2-(dimethylamino)ethyl]-2-(4-
<b>CAS Number</b>	33286-22-5
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>26</sub> N <sub>2</sub> O <sub>4</sub> S•HCl
<b>Molecular Weight</b>	450.98

<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	210 - 215 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 110 - 116 ° (C=1 in Water)
<b>Loss on Drying</b>	≤ 0.5% (105 °C at 2 h)
<b>Related Substances</b>	Single impurity : ≤ 0.5% Total impurity : ≤ 1.0%
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay</b>	98 - 102% (On dried basis)
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Identification : Test for A : Infrared spectrum : Conforms to structure Test for B : To pass test Test for C : To pass test

**For Laboratory Use Only**