

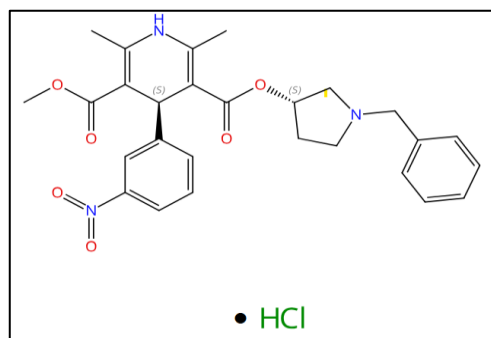
Analysis Date: 07-02-2025

Re-test Date: 07-02-2028

BARNIDIPINE HYDROCHLORIDE

Identification

Chemical Name	: 3-((S)-1-Benzylpyrrolidin-3-yl) 5-methyl (S)-2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate hydrochloride
CAT No	: ALL-BAR-7531
CAS No	: 104757-53-1
Molecular Formula	: C27H29N3O6 : HCl
Molecular Weight	: 491.5 : 36.5



Analytical Information

Batch Code	: ALL-BAR-7531	HPLC Purity	: 98.17%
Solubility	: MeOH: DMSO	Potency	: 95.79%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 1.631%	¹ HNMR	: Confirm
Residue Of Ignition	: 0.784%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.631 + 0.784) \times 98.17] / 100 = 95.79\%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified.

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203