

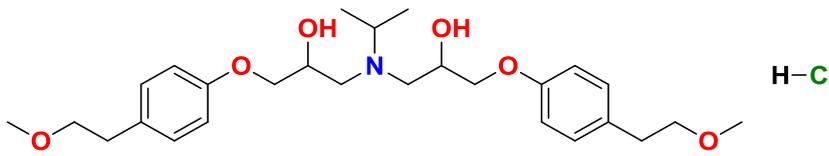


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Metoprolol EP Impurity O / Metoprolol USP Related Compound D		
<b>CAS NO:</b> 1486464-40-7		
<b>Batch No:</b> SRC-110-BJ-036		
<b>Date of Analysis:</b> 22 Mar 2023		
<b>Retest Date:</b> 22 Mar 2025		
<b>Structure:</b> 		
<b>Chemical Name</b>	1,1-[(1-Methylethyl)imino]bis[3-[4-(2-methoxyethyl)phenoxy] propan-2-ol] Hydrochloride	
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>41</sub> NO <sub>6</sub> : HCl	
<b>Molecular Weight</b>	475.6: 36.5 g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Yellow Oil
2)	<b>Solubility</b>	Solubility in DMSO (Sparingly), Methanol (Sparingly)
3)	<b>Identification</b> 1. Mass 2. 1H NMR	Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	Above 95 %
<b>Long Term Storage condition</b>		Store at 2 <sup>o</sup> to 8 <sup>o</sup> c
<b>Shipping Condition</b>		Ambient
<b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
Signature		Date
Checked By		
Approved By		

