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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

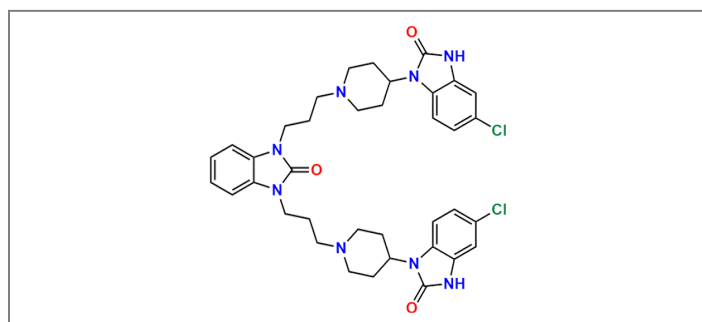
Re-test Date: Jul 2027

Product Name: Domperidone EP Impurity F

Identification:

Chemical Name: 1,3-Bis[3-[4-(5-chloro-2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]propyl]-1,3-dihydro-2H-benzimidazol-2-one

Synonyms : NA
CAS Number : 1391053-55-6
CAT Number : CP-D4006
Molecular Formula : C₃₇H₄₂Cl₂N₈O₃
Molecular Weight : 717.70
Batch Number : CP-DOM-F-0724



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	Light Orange Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.6%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	IR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.