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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

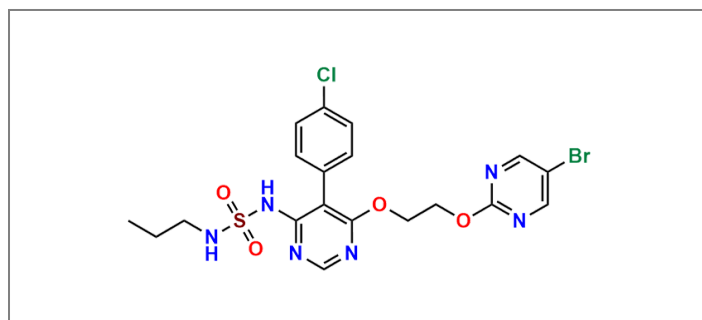
Re-test Date: Mar 2029

Product Name: Macitentan 4-Chloro Analog

Identification:

Chemical Name: N-[6-[2-[(5-Bromo-2-Pyrimidinyl)oxy]ethoxy]-5-(4-Chlorophenyl)-4-Pyrimidinyl]-N'-Propylsulfamide

Synonyms : NA
CAS Number : 441798-36-3
CAT Number : CP-M5025
Molecular Formula : C₁₉H₂₀BrClN₆O₄S
Molecular Weight : 543.82
Batch Number : CP-MAC-CHA-0426
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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.92%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.529%
9)	Potency by TGA	99.39%

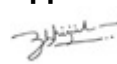


Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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