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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

Product Name: Macitentan Pyrimidine Amine Impurity

Identification:

Chemical Name: N-[5-(4-Bromophenyl)-6-chloro-4-pyrimidinyl]-N'-propylsulfamide

Synonyms : Macitentan Chloro Impurity

CAS Number : 1393813-42-7

CAT Number : CP-M5011

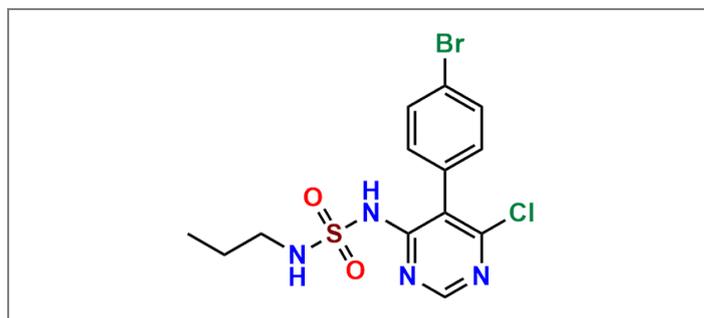
Molecular Formula : C₁₃H₁₄BrClN₄O₂S

Molecular Weight : 405.70

Batch Number : CP-23-248

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	Off White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	98.85%
5)	¹ H NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



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.