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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Manidipine Impurity 1 (Oxalate)

Identification:

Chemical Name: 2-(4-benzhydrylpiperazin-1-yl)ethyl 3-oxobutanoate, oxalate (1:1)

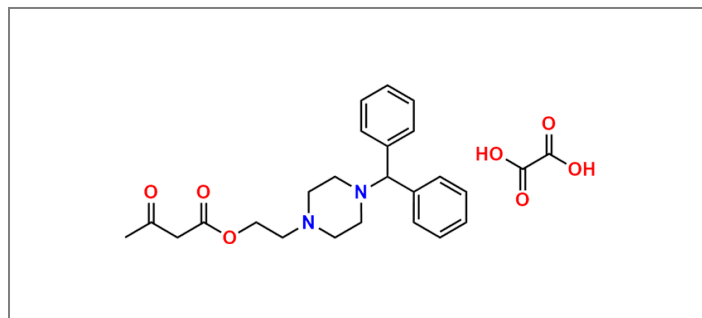
Synonyms : NA

CAS Number : 1261268-85-2

CAT Number : CP-M72017

Molecular Formula : C₂₃H₂₈N₂O₃ : C₂H₂O₄

Molecular Weight : 380.49 : 90.03



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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