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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2026

Product Name: Timolol EP Impurity E

Identification:

Chemical Name: (2Z)-4-[(1S)-1-[[1,1-dimethylethyl]amino]methyl]-2-[[4-(morpholin-4-yl)-1,2,5-thiadiazol-3-yl]oxy]ethoxy]-4-oxobut-2-enoic acid (as per EP)

Synonyms : Timolol USP Related Compound E

CAS Number : 1026075-53-5

CAT Number : CP-T13005

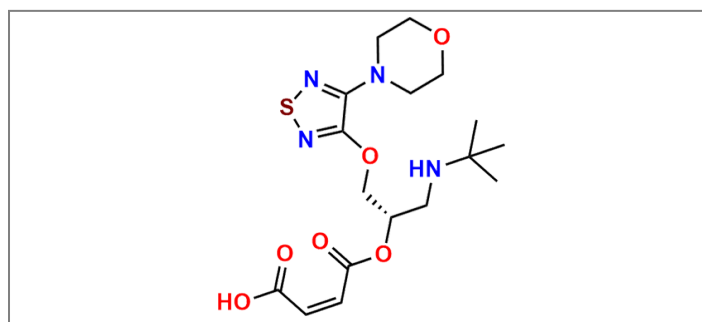
Molecular Formula : C₁₇H₂₆N₄O₆S

Molecular Weight : 414.48

Batch Number : CP-TIM-E-0524

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 Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.57%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	2.825%
8)	Potency by TGA	93.84%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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