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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Diltiazem 2-Epimer O-Desacetyl Impurity**

### Identification:

Chemical Name: (2R,3S)-5-[2-(Dimethylamino)ethyl]-2-(4-methoxyphenyl)-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-ol

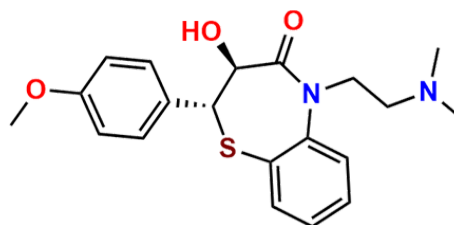
Synonyms : Diltiazem 2-Epimer O-Desacetyl Impurity ; O-Desacetyl Diltiazem 2-Epimer

CAS Number : 91926-66-8

CAT Number : CP-D22016

Molecular Formula : C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight : 372.5



### 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	>95%
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.