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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Norepinephrine Impurity 59 (Hemioxalate)**

### Identification:

Chemical Name: (R)-1,2,3,4-tetrahydroisoquinoline-4,7,8-triol, oxalate (2:1)

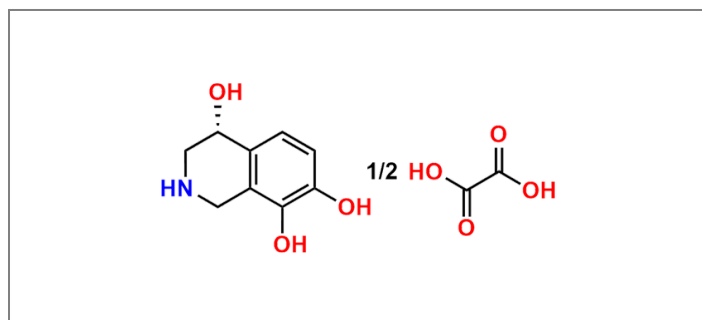
Synonyms : NA

CAS Number : NA

CAT Number : CP-N29041

Molecular Formula : C<sub>9</sub>H<sub>11</sub>NO<sub>3</sub> : 0.5(C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>)

Molecular Weight : 181.19 : 0.5(90.04)



### 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.